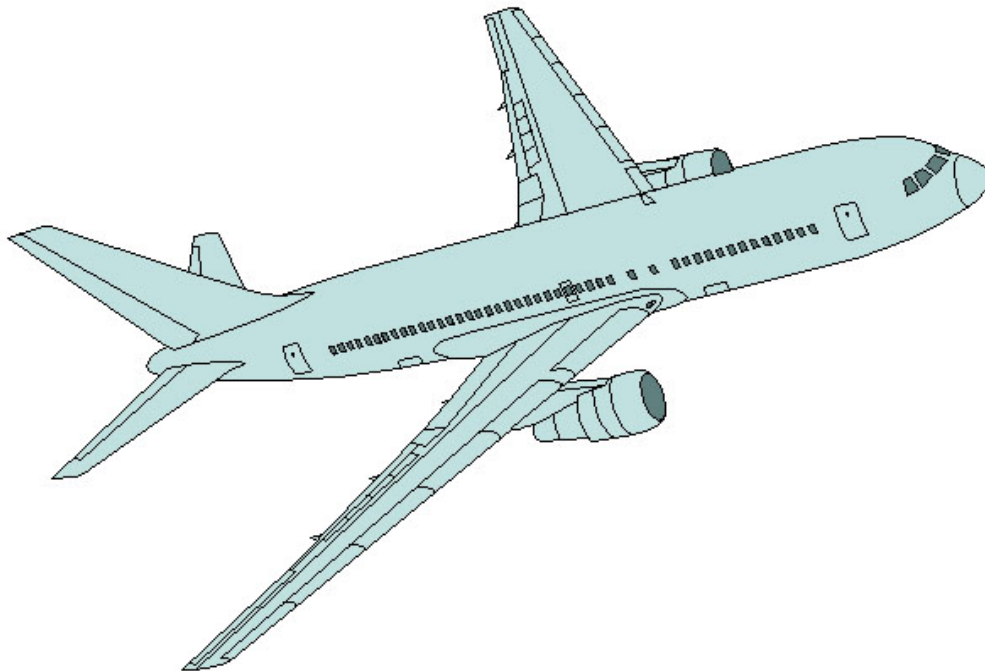


**AIRLINE TRANSPORT PILOT,  
AIRCRAFT DISPATCHER,  
AND  
FLIGHT NAVIGATOR  
  
KNOWLEDGE TEST GUIDE**



**October 2016**



U.S. Department of Transportation  
Federal Aviation Administration

## INTRODUCTION

The *Airline Transport Pilot, Aircraft Dispatcher, and Flight Navigator Knowledge Test Guide (FAA-G-8082-1)*, dated October 2016, provides information to help prepare you to take any of the following airman knowledge tests. This document supersedes all previously dated FAA-G-8082-1 versions.

### Exams currently available:

<u>Test Name</u>	<u>Test Code</u>
Aircraft Dispatcher	ADX
Airline Transport Pilot - Multiengine	ATM
Airline Transport Pilot - Single Engine	ATS
Airline Transport Pilot Helicopter (135)	ATH
Airline Transport Pilot Helicopter (135) (added rating)	ARH
Airline Transport Pilot Helicopter Canadian Conversion	ACH
Airline Transport Pilot Airplane Canadian Conversion - Multiengine	ACM
Airline Transport Pilot Airplane Canadian Conversion - Single Engine	ASC
Flight Navigator	FNX

Federal Aviation Administration (FAA) airman knowledge tests are effective instruments for aviation safety and regulation compliance measurement; however, these tests can only sample the vast amount of knowledge every pilot needs to operate safely in the National Airspace System (NAS).

Comments may be emailed to [AFS630Comments@faa.gov](mailto:AFS630Comments@faa.gov).

## KNOWLEDGE TEST ELIGIBILITY REQUIREMENTS

The general qualifications for an Airline Transport Pilot, Aircraft Dispatcher, or Flight Navigator Certificate require that you have a combination of experience, knowledge, and skill.

Title 14 of the Code of Federal Regulations (14 CFR) part 61 requires that pilots must be able to read, write, speak, and understand the English language. If you cannot meet these requirements of English fluency, an airman certificate cannot be issued. For medical reasons, an appropriate limitation may be placed on the certificate.

14 CFR part 63 does not require that a limitation be placed on the certificate if a flight navigator cannot read, write, speak, or understand the English language.

14 CFR part 65 requires that an aircraft dispatcher must be able to read, speak, and understand the English language. If unable to do so, an appropriate limitation may be placed on the certificate.

If you are pursuing an Airline Transport Pilot (or added rating), Flight Navigator, Aircraft Dispatcher Certificates, you should carefully review the appropriate sections of 14 CFR part 61, 63, or 65 respectively for detailed information pertaining to this subject.

For a summary of knowledge test eligibility requirements for all certification areas listed above, refer to the FAA Airman Knowledge Testing Authorization Matrix located at [http://www.faa.gov/training\\_testing/testing/media/testing\\_matrix.pdf](http://www.faa.gov/training_testing/testing/media/testing_matrix.pdf).

## KNOWLEDGE AREAS ON THE TESTS

If you are pursuing an Airline Transport Pilot Certificate or added rating, you should review the appropriate sections of 14 CFR part 61 for the specific knowledge areas on each test.

Those taking the Airline Transport Pilot – Multiengine (14 CFR part 121) Airplane (ATM) Test, will be tested on part 121 as one of the knowledge areas.

Those taking the Airline Transport Pilot - Single Engine (14 CFR part 135) Airplane (ATS) will be tested on part 135 as one of the knowledge areas.

All other knowledge areas are not specified as being for part 121 or part 135, and the questions may be used on any of the tests.

If you are pursuing a Flight Navigator Certificate, you should review the appropriate sections of 14 CFR part 63 for the specific knowledge areas on the test.

If you are pursuing an Aircraft Dispatcher Certificate, you should review the appropriate sections of 14 CFR part 65 for the specific knowledge areas on the test. You will be tested on part 121 as one of the knowledge areas. If part 135 commuter operators (as defined in DOT part 298) are required to have aircraft dispatchers in the future, part 135 questions will be added to the test. The aircraft dispatcher applicant is not required to have the flying skills of an airline transport pilot, but is expected to have the same knowledge.

## DESCRIPTIONS OF THE TESTS

All test questions are the objective, multiple-choice type. Each question can be answered by the selection of a single response. Each test question is independent of other questions; therefore, a correct response to one does not depend upon, or influence, the correct response to another. **The minimum passing score is 70 percent.**

The following test contains 125 questions; you are allowed 4 hours to complete.

- Airline Transport Pilot – Multiengine

The following test contains 90 questions; you are allowed 3 hours to complete.

- Airline Transport Pilot – Single Engine

Each of the following tests contains 80 questions, and you are allowed 3 hours to complete each test.

- Airline Transport Pilot Helicopter (135)
- Flight Navigator

The following test contains 80 questions, and you are allowed 3.5 hours to complete.

- Aircraft Dispatcher

The following test contains 60 questions, and you are allowed 2.5 hours to complete.

- Airline Transport Pilot Airplane Canadian Conversion - Multiengine

The following test contains 40 questions, and you are allowed 2.5 hours to complete.

- Airline Transport Pilot Airplane Canadian Conversion - Single Engine

The following test contains 40 questions, and you are allowed 2 hours to complete.

- Airline Transport Pilot Helicopter Canadian Conversion

The following test contains 50 questions, and you are allowed 2.5 hours to complete.

- Airline Transport Pilot Helicopter Added Rating (135)

## **TEST REGISTRATION**

The FAA has designated two Airman Knowledge Testing (AKT) Organization Designation Authorization (ODA) Holders, which sponsor hundreds of knowledge testing center locations. These testing centers offer a full range of airman knowledge tests including: Aircraft Dispatcher, Airline Transport Pilot, Aviation Maintenance Technician, Commercial Pilot, Flight Engineer, Flight Instructor, Flight Navigator, Ground Instructor, Inspection Authorization, Instrument Rating, Parachute Rigger, Private Pilot, Recreational Pilot, Sport Pilot and Military Competence. Contact information for the AKT ODA Holders is provided below under Knowledge Test Centers.

The first step in taking a knowledge test is the registration process. You may either call a central registration phone number or appear at a testing center on a walk-in basis. If you choose to use a central registration phone number to schedule your test, you will need to be prepared to select a test date, choose a testing center, and make financial arrangements for test payment. You may register for tests several weeks in advance, and you may cancel your appointment according to the AKT ODA Holder's cancellation policy. If you do not follow the AKT ODA Holder's cancellation policies, you could be subject to a cancellation fee.

## **APPLICANT IDENTIFICATION AND TEST AUTHORIZATION**

The next step in taking a knowledge test is providing proper identification. You should determine what knowledge test prerequisites are necessary before going to the computer-testing center. Your instructor or local FAA Flight Standards District Office (FSDO) may advise you regarding the documentation required to be presented at the testing facility. Testing center personnel will not begin the test until your identification and eligibility is verified.

Acceptable forms of authorization and retesting procedures are available in the latest version of the Applicant Identification, Information, Verification, & Authorization Requirements Matrix located at [http://www.faa.gov/training\\_testing/testing/media/testing\\_matrix.pdf](http://www.faa.gov/training_testing/testing/media/testing_matrix.pdf).

## **TEST TAKING TIPS**

Prior to launching the actual test, the AKT ODA Holder's testing software will provide you with an opportunity to practice navigating through the test. This practice (or tutorial) session may include a "sample" question(s). These sample questions have no relation to the content of the test, but are meant to familiarize you with the look and feel of the system screens, including selecting an answer, marking a question for later review, time remaining for the test, and other features of the testing software.

When taking a test, keep the following points in mind:

- Carefully read the instructions given with the test.

- Answer each question in accordance with the latest regulations and guidance publications.
- Read each question carefully before looking at the answer options. You should clearly understand the problem before attempting to solve it.
- After formulating an answer, determine which answer option corresponds with your answer. The answer you choose should completely resolve the problem.
- From the options given, it may appear there is more than one possible answer; however, there is only one answer that is correct and complete. The other options are either incomplete, erroneous, or derived from popular misconceptions.
- If a certain question is difficult for you, it is best to mark it for review and proceed to the next question. After you answer the less difficult questions, return to those marked for review and answer them. The review marking procedure will be explained to you prior to starting the test. Although the computer should alert you to unanswered questions, make sure every question has an answer recorded. This procedure will enable you to use the available time to maximum advantage.
- When solving a calculation problem, select the answer closest to your solution. The problem has been checked with various types of calculators; therefore, if you have solved it correctly, your answer will be closer to the correct answer than any of the other choices.
- For graph type questions, the applicant may request a printed copy of the graph on which they may actually draw and write to compute the answer. The applicant must turn in all paper work upon completion of the test.

## **USE OF TEST AIDS AND MATERIALS**

You may use aids, reference materials, and test materials within the guidelines listed below, if actual test questions or answers are not revealed. All models of aviation-oriented calculators may be used, including small electronic calculators that perform only arithmetic functions (add, subtract, multiply, and divide). Simple programmable memories, which allow addition to, subtraction from, or retrieval of one number from the memory, are permissible. Also, simple functions, such as square root and percent keys are permissible.

The following guidelines apply:

1. You may use any reference materials provided with the test. In addition, you may use scales, straightedges, protractors, plotters, navigation computers, log sheets, and electronic or mechanical calculators that are directly related to the test.
2. Manufacturer's permanently inscribed instructions on the front and back of such aids (e.g., formulas, conversions, regulations, signals, weather data, frequencies, weight-and-balance formulas) are permissible.
3. Testing centers may provide a calculator to you and/or deny use of your personal calculator based on the following limitations:
  - a. Prior to, and upon completion of the test, while in the presence of the Unit Member (formerly referred to as proctor), you must actuate the ON/OFF switch and perform any other function that ensures erasure of any data stored in memory circuits.
  - b. The use of electronic calculators incorporating permanent or continuous type memory circuits without erasure capability is prohibited. The Unit Member may refuse the use of your calculator when unable to determine the calculator's erasure capability.
  - c. Printouts of data must be surrendered at the completion of the test if the calculator incorporates this design feature.

- d. The use of magnetic cards, magnetic tapes, modules, computer chips, or any other device upon which pre-written programs or information related to the test can be stored and retrieved is prohibited.
  - e. You are not permitted to use any booklet or manual containing instructions related to use of test aids.
- 4. Dictionaries are not allowed in the testing area.
  - 5. The Unit Member makes the final determination relating to test materials and personal possessions you may take into the testing area.

**Note:** *Flight navigator applicants must provide the following for their use:*

- *Plotter*
- *Dividers*
- *Computer (E-6B type or electronic. Electronic calculators must have memory cleared in accordance with FAA Order 8080.6.)*
- *Charts (Global navigation chart (GNC) 9 or equivalent.) This chart is available/for sale at <http://naco.faa.gov>*
- *Site Reduction Tables (H.O. Pub. No. 249 Volumes I, II, and III.)*
- *Flight logs*
- *Celestial forms*

## **TESTING PROCEDURES FOR APPLICANTS REQUESTING SPECIAL ACCOMMODATIONS**

If you are an applicant with a learning or reading disability, you may request approval from AFS-630, through the local FSDO or IFO, to take an airman knowledge test using one of the three options listed below, in preferential order:

- Option 1. Use current testing facilities and procedures whenever possible.
- Option 2. You may use a self-contained, electronic device which pronounces and displays typed-in words (e.g., the Franklin Speaking Wordmaster®) to facilitate the testing process. (NOTE: The device should consist of an electronic thesaurus that audibly pronounces typed-in words and presents them on a display screen. The device should also have a built-in headphone jack for private listening in order to avoid disturbing others during testing.)
- Option 3. If you do not choose to use the first or second option, you may request Unit Member assistance in reading specific words or terms from the test questions and/or supplement book. In the interest of preventing compromise of the testing process, the Unit Member must be an individual with no aviation background or expertise. The Unit Member must provide reading assistance only, with no explanation of words or terms. When this option is requested, the FSDO or IFO inspector must contact the Airman Testing Standards Branch (AFS-630) for assistance in selecting the test site and assisting Unit Member.

Prior to approval of any option, the FSDO or IFO Aviation Safety Inspector must advise you of the regulatory certification requirement of being able to read, write, speak, and understand the English language.

## **CHEATING OR OTHER UNAUTHORIZED CONDUCT**

Computer testing centers must follow strict security procedures to avoid test compromise. These procedures are established by the FAA and are covered in FAA Order 8080.6 (as amended), Conduct of Airman Knowledge Tests. The FAA has directed testing centers to terminate a test at any time a test Unit Member suspects a cheating incident has occurred. An FAA investigation will then be conducted. If the investigation determines that cheating or unauthorized conduct has occurred, any airman certificate or

rating you hold may be revoked, and you will be prohibited for 1 year from applying for or taking any test for a certificate or rating under 14 CFR part 61.

## LEARNING STATEMENTS

Learning statements, as used in airman knowledge testing, refer to a measurable level of knowledge a student should be able to demonstrate following a defined element of training. The most current Learning Statement Reference Guide for Airman Knowledge Testing is online at [http://www.faa.gov/training\\_testing/testing/media/LearningStatementReferenceGuide.pdf](http://www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf).

We provide learning statements to help instructors and students become more familiar with the areas of knowledge applicable to the airman training, learning, studying, and testing processes.

Beyond serving as a useful reference in preparing for your airman knowledge test, the Learning Statement Reference Guide will assist you and your instructor in interpreting any learning statement codes that may appear on your Airman Knowledge Test Report. You will receive a test report immediately upon completion of the test. This report will list learning statement codes for any questions you may have answered incorrectly. You and your instructor should match the codes on the test report to the information in the Learning Statement Reference Guide in order to obtain the corresponding areas of knowledge deficiency.

Your instructor may be required to provide instruction on each of the areas of deficiency, and to provide a logbook or training record endorsement certifying you have demonstrated satisfactory knowledge in each area. Also, you must present the *original* Airman Knowledge Test Report to the examiner conducting your practical test. During the practical test, the examiner will refer to the learning codes and statements to evaluate your knowledge in the noted areas of deficiency.

## AIRMAN KNOWLEDGE TEST REPORTS

Upon completion of the knowledge test, you will receive your Airman Knowledge Test Report, which reflects your score. The test report will be stamped with the testing center's raised/embossed seal.

The Airman Knowledge Test Report must be presented to the examiner prior to taking the practical test. During the oral portion of the practical test, the examiner is required to evaluate the noted areas of deficiency.

Should you require a duplicate Airman Knowledge Test Report due to loss or destruction of the original, send a signed request accompanied by a check or money order for \$1.00, payable to the FAA. Send the request to:

Federal Aviation Administration  
Airmen Certification Branch, AFS-760  
P.O. Box 25082  
Oklahoma City, OK 73125

Airman Knowledge Test Reports are valid until the end of the month 24 calendar months after completing the knowledge test. **If the Airman Knowledge Test Report expires before completion of the practical test, you must retake the knowledge test.**

## REQUESTING A HAND-SCORE

If you wish to have your test hand-scored, you must submit a request, in the form of a signed letter, to the Airman Testing Standards Branch, AFS-630. The request must be accompanied by a copy of your Airman Knowledge Test Report and a legible photocopy of a government issued identification with your

photograph and signature. Mail or fax this information to: (email requests are not accepted due to security issues.)

Federal Aviation Administration  
Airman Testing Standards Branch, AFS-630  
P.O. Box 25082  
Oklahoma City, OK 73125  
Or Fax to: 405 954-4748

**Note:** *If you have comments regarding test questions, test procedures, or supplemental material content, please email AFS-630 at: [AFS630Comments@faa.gov](mailto:AFS630Comments@faa.gov).*

## **TRAINING AND TESTING PUBLICATIONS AND GENERAL INFORMATION**

Most of the current Flight Standards Service airman training and testing publications can be obtained in electronic format from the FAA Website, [www.faa.gov](http://www.faa.gov). The training and testing publications and general information can be found on the opening page of that Website under the Training and Testing tab. If a publication is not available in electronic format, there are instructions for obtaining paper copies. Information found on the Website includes the following:

- Advisory Circulars
- Airworthiness Directives
- Code of Federal Regulations
- Computer Testing Supplements
- Knowledge Test Centers
- Sample Knowledge Test questions
- Knowledge Test Statistics
- Learning Statement Reference Guide
- Practical Test Standards
- Training Handbooks
- Type Certificate Data Sheets

### **Advisory Circulars**

Advisory circulars (ACs) provide guidance and information on various subjects related to airman certification.

### **Airworthiness Directives**

Airworthiness Directives (ADs) are notifications to aircraft owners of a known safety deficiency with a specific model of aircraft, engine, avionics, or other system.

### **Code of Federal Regulations**

The portion of 14 CFR containing what was formerly known as the Federal Aviation Regulations can be found on the Website. 14 CFR contains regulations designed to promote aviation safety and govern all aviation activities in the United States.



## Computer Testing Supplements

The knowledge testing supplements contain the graphics, legends, and maps that are needed to successfully respond to certain knowledge test items. ODA test center personnel will provide these supplements during the airman knowledge test. Marking in the supplement book is prohibited; however, you may request a copy of any figure either before or during your exam. This marked or unmarked copy must be turned in at the end of the exam.

NOTE: There are currently three supplements for ATP/Dispatcher exams. You may review them prior to taking the exam.

1. FAA-CT-8080-7C

[http://www.faa.gov/training\\_testing/testing/test\\_questions/media/FAA-CT-8080-7C.pdf](http://www.faa.gov/training_testing/testing/test_questions/media/FAA-CT-8080-7C.pdf)

2. FAA-CT-8080-7C, Addendum A

[http://www.faa.gov/training\\_testing/testing/test\\_questions/media/Addendum\\_A\\_ATP\\_Sup\\_7C.pdf](http://www.faa.gov/training_testing/testing/test_questions/media/Addendum_A_ATP_Sup_7C.pdf)

3. FAA-CT-8080-7C, Addendum B

[http://www.faa.gov/training\\_testing/testing/test\\_questions/media/Addendum\\_B\\_ATP\\_Sup\\_7C.pdf](http://www.faa.gov/training_testing/testing/test_questions/media/Addendum_B_ATP_Sup_7C.pdf)

4. FAA-CT-8080-7C, Addendum C

[http://www.faa.gov/training\\_testing/testing/test\\_questions/media/Addendum\\_C\\_ATP\\_Sup\\_7C.pdf](http://www.faa.gov/training_testing/testing/test_questions/media/Addendum_C_ATP_Sup_7C.pdf)

## Knowledge Test Centers

The Knowledge Test Centers portion of the Website contains current listings of Airman Knowledge Testing (AKT) Organization Designation Authorization (ODA) Holders and other testing centers, and the registration telephone numbers to call to register for a test.

The following is a list of the ODA holders authorized to give FAA airman knowledge tests. This list should be helpful in case you choose to register for a test or simply want more information.



### **Computer Assisted Testing Service (CATS)**

777 Mariners Island Blvd., Suite 200

San Mateo, CA 94404

**Applicant inquiry and test registration: 1-800-947-4228**

From outside the U.S. (650) 259-8550



### **PSI**

16821 SE McGillivray Blvd., Suite 201

Vancouver, WA 98683

**Applicant inquiry and test registration: 1-800-211-2753 or 1-800-211-2754**

From outside the U.S. (360) 896-9111

## Knowledge Test Questions

Sample questions are located in the Airman Knowledge Test Questions section of the Website and represent the types of questions included in the actual test banks. Practicing these questions will help you become familiar with similar questions on the airman knowledge tests. The knowledge test is not designed to intimidate any prospective airman; it is designed to measure an applicant's understanding of the rules, regulations and knowledge areas required to receive an FAA certificate.

## Knowledge Test Statistics

Test statistics for all airman knowledge tests are contained in a series of tables organized by year and subject area. Individual tables are provided for the following subject areas: test volume, pass rates, average test scores, countries, regions, and district offices.

## **Practical Test Standards**

The practical test standards outline the knowledge and skill requirements for each airman certificate and rating. The references listed in each task of the practical test standards indicate the specific publications used to develop the skill standards. The ability to issue immediate changes prior to publishing revised printed copies ensures the practical test standards are always accurate and usable.

## **Training Handbooks**

The training handbooks are the basic information sources an airman applicant should refer to when preparing for the knowledge and practical tests for a specific certificate or rating.

## **Classification Code**

Topic, Content and Specific (TCS) codes listed in this guide are NOT a description of the Learning Statement Codes (LSC) found in the 'Learning Statement Reference Guide for Airman Knowledge Testing' document, but are a hierarchical sequence of classification codes placing a question in a unique category. FAA knowledge test question development uses the following hierarchy:

- Topic— Overall subject matter topic code. The highest classification of overall subject matter a knowledge test item was developed to assess (e.g., Aerodynamics).
- Content—Secondary level subject matter code (e.g., Airspeed).
- Specific— the basic hierarchical classification code the subject matter for a knowledge test item (e.g., Thrust).

## References Appendix

The Airline Transport Pilot, Dispatcher, and Flight Navigator knowledge tests are based on the following references.

14 CFR part 1 Definitions and Abbreviations

F14 CFR part 117 Flightcrew Member Duty and Rest Requirements

14 CFR part 119 Certification: Air Carriers and Commercial Operators

14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

14 CFR part 135 Operating Requirements: Commuter and On Demand Operations

14 CFR part 25 Airworthiness Standards: Transport Category Airplanes

14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors

14 CFR part 63 Certification: Flight Crewmembers other than Pilots

14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas: Air Traffic Service Routes

CFR part 91 General Operating and Flight Rules

14 CFR part 97 Standard Instrument Procedures

49 CFR part 830 Notification and Reporting of Aircraft Accidents

AC 00-24 – Thunderstorms

AC 00-30 – Atmospheric Turbulence Avoidance

AC 00-45 – Aviation Weather Services

AC 00-54 – Pilot Wind Shear Guide

AC 00-6 – Aviation Weather

AC 91-51 – Effect of Icing on Aircraft Control and Airplane Deice and Anti-Ice Systems

AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing

AC 120-103 – Fatigue Risk Management Systems for Aviation Safety

AC 135-17 - Pilot Guide for Small Aircraft Ground Deicing

AC 20-117 Hazards Following Ground Deicing and Ground Operations I Conditions Conducive to Aircraft Icing

AC 65-12 - Airframe and Powerplant Mechanics Powerplant Handbook

AC 65-15 - Airframe and Powerplant Mechanics Airframe Handbook

AC 91-43 – Unreliable Airspeed Indication

AC 91-51 - Effect of Icing on Aircraft Control and Airplane Deice and Anti-Ice Systems Control and Airplane Deice and Anti-Ice Systems

AC 91-6 – Water, Slush, and Snow on the Runway

AC 91-74 – Pilot Guide: Flight in Icing Conditions

Aerodynamics for Naval Aviators

Aeronautical Information Manual

Air Force Pamphlet 11-216, Air Navigation

Chart Supplements U.S. (formerly Airport/Facility Directory)

FAA-H-8083-1 - Aircraft Weight and Balance Handbook

FAA-H-8083-15 – Instrument Flying Handbook

FAA-H-8083-2 – Risk Management Handbook

FAA-H-8083-21 – Helicopter Flying Handbook  
FAA-H-8083-21 – Rotorcraft Flying Handbook  
FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge  
FAA-H-8083-3 – Airplane Flying Handbook  
FAA-H-8083-6 – Instrument Procedures Handbook  
FAA-H-8083-6 – Advanced Avionics Handbook  
IFR Enroute High Altitude Chart  
IFR Enroute Low Altitude Chart  
Instrument Approach Procedure Charts  
STARs – Standard Terminal Arrivals  
U.S. Terminal Procedures

**Note:** The latest revision of these references should be used.

**AIRLINE TRANSPORT PILOT – MULTIENGINE (ATM)**  
**Sample Questions**

## AIRLINE TRANSPORT PILOT – MULTIENGINE (ATM)

1. **Approaching the runway 1° below glidepath can add how many feet to the landing distance?**

A— 250 feet.  
B— 500 feet.  
C— 1,000 feet.

*Answer: B.*

*Learning Statement: Recall approach / landing / taxiing techniques*

2. **When a recently certificated pilot decides to not wait any longer for the fog and low ceilings to lift, this pilot may be exhibiting the hazardous**

A—resigned attitude.  
B—macho attitude.  
C—impulsive attitude.

*Answer: C.*

*Learning Statement: Recall Aeronautical Decision Making (ADM) – hazardous attitudes*

3. **Hot Spot are depicted on airport diagrams as**

A—squares or rectangles around “HS and a number.”  
B—circles or polygons around “HS and a number.”  
C—triangles or blocks filled with “HS” and a number.

*Answer: B.*

*Learning Statement: Recall airport preflight / taxi operations – procedures*

4. **A pilot employed by an air carrier and/or commercial operator may conduct GPS/WAAS instrument approaches**

A—if they are not prohibited by the FAA-approved aircraft flight manual and the flight manual supplement.  
B—only if approved in their air carrier/commercial operator operations specifications.  
C—only if the pilot was evaluated on GPS/WAAS approach procedures during their most recent proficiency check.

*Answer: B.*

*Learning Statement: Recall regulations – commercial operation requirements / conditions / OpSpecs*

5. **Flightcrew members must receive fatigue education and awareness training**

A—with all required air carrier dispatcher and every flightcrew member training activity.  
B—annually for flightcrew members and every 24 months for dispatchers, flightcrew member schedulers, and operational control individuals.  
C—annually for flightcrew member schedulers, operational control individuals and flightcrew members and dispatchers.

*Answer: C.*

*Learning Statement: Recall regulations – flight / duty time.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT – MULTIENGINE (ATM)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT002</b> <a href="#">Airplane Upset Recovery Training Aid</a>		
Aircraft Performance	Charts	Airspeed
Aircraft Performance	Computations	Airspeeds
<a href="#">FAA-H-8083-3 - Airplane Flying Handbook</a>		
Aircraft Performance	Computations	Airspeeds
<b>PLT004</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Climb
<b>PLT007</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Holding
Aircraft Performance	Turbine Engine Operations	Description
<b>PLT008</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Landing
<b>PLT009</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Turbine Engine Operations	Components
Aircraft Performance	Turbine Engine Operations	Engine Settings
Aircraft Performance	Turbine Engine Operations	Limitations
<b>PLT011</b> <a href="#">AC 120-62 - Takeoff Safety Training Aid</a>		
Aircraft Performance	Limitations	Go / No-Go Decision
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
Aircraft Performance	Computations	Preflight Planning
<b>PLT013</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT015</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Limitations	Best Range
<a href="#">FAA-H-8083-3 - Airplane Flying Handbook</a>		
Aerodynamics	Performance	Normal Flight
<b>PLT018</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Airspeed
<b>PLT021</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Landing
<b>PLT022</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Risk Management	Electronic Displays
Human Factors	Aeronautical Decision Making (ADM)	Risk Management
Human Factors	Aeronautical Decision Making (ADM)	Situational Awareness
<b>PLT024</b> <a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Air Masses and Fronts	Stability
<b>PLT029</b> <a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<b>PLT032</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aerodynamics	Airspeed	Mach

**PLT034**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Takeoff Minimums
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**PLT044**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	After Landing
Air Traffic Control Procedures	Ground	Ground Hold Delays

**PLT045**[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Approach
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**PLT047**[FAA-H-8083-6 - Advanced Avionics Handbook](#)

Human Factors	Risk Management	Risk
Navigation	Automation	Automation errors

**PLT049**[14 CFR part 91 General Operating and Flight Rules](#)

Navigation	Flight Operations	Approach Chart
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[Aeronautical Information Manual](#)

Navigation	Radio	Instrument Approach
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[U.S. Terminal Procedures](#)

Navigation	Avionics	Airborne Equipment
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**PLT052**[14 CFR part 91 General Operating and Flight Rules](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[U.S. Terminal Procedures](#)

Navigation	Radio	Standard Departures
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**PLT059**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
Weather / Weather Charts	Aeronautical Weather Reports	Aviation Selected Special Report (SPECI)

**PLT066**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
Weather / Weather Charts	Aeronautical Weather Forecasts	Convective Outlook Charts

**PLT068**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	Significant Weather Prognostic Charts
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**PLT069**[AC 91-6 - Water, Slush, and Snow on the Runway](#)

Aircraft Performance	Charts	Contaminants
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT072**[AC 00-45 - Aviation Weather Services](#)

Windshear / Turbulence	Windshear	Characteristics
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**PLT075**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Weather Depiction Charts
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**PLT076**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
Weather / Weather Charts	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast

**PLT077**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Runway
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**PLT078**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Runway
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[Chart Supplements U.S.](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Reports
Navigation	Flight Operations	Runway



**PLT080**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Clearances
Navigation	Flight Operations	Arrivals

**PLT083**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Instrument Approach Procedures
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[Chart Supplements U.S.](#)

Navigation	Flight Operations	Airport
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[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	DME
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**PLT089**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT090**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	VOR
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[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Approach Chart
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**PLT094**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Lift
Aerodynamics	Stall / Spins	Angle of Attack

**PLT098**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT099**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Flight Illusions
Human Factors	Aeromedical Factors	Physiological

**PLT103**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Accident Prone Traits
Aeronautical Decision Making	Judgment	Attitudes
Aeronautical Decision Making	Judgment	Training

**PLT104**[AC 120-103 - Fatigue Risk Management Systems](#)

Aeronautical Decision Making	Risk Management	Mitigation
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[AC 120-51 - Crew Resource Management](#)

Crew Resource Management (CRM)	Crew Communication	Crew Monitoring
Crew Resource Management (CRM)	Crew Coordination	CRM Principles
Crew Resource Management (CRM)	Crew Coordination	CRM Training

[Aeronautical Information Manual](#)

Aeronautical Decision Making	Risk Management	Mitigation
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[FAA-H-8083-2 - Risk Management Handbook](#)

Aeronautical Decision Making	Risk Management	Monitoring Tasks
Human Factors	Aeromedical Factors	Fitness for Flight
Human Factors	Aeromedical Factors	Physiological

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Human Error
Aeronautical Decision Making	Risk Management	Mitigation
Crew Resource Management (CRM)	Crew Coordination	CRM Principles
Crew Resource Management (CRM)	Crew Coordination	CRM Training
Human Factors	Risk Management	Risk

**PLT105**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Radar
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**PLT108**[AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing](#)

Meteorology	Hazardous	Icing
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**PLT121**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT123**[Aerodynamics for Naval Aviators](#)

Aircraft Performance	Limitations	Best Range
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Airspeed
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**PLT124**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	High Altitude	Stall speed
Aircraft Performance	Atmospheric Effects	Instrumentation Error

**PLT127**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Environmental Affect
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**PLT134**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Performance	Abnormal Flight
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**PLT139**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121 - Subpart K	Navigation Equipment
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[Aerodynamics for Naval Aviators](#)

Aerodynamics	Stall / Spins	Stall Warning Devices
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Stall / Spins	Stall Warning Devices
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**PLT140**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	After Landing
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**PLT141**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Ground	Taxi
Navigation	Flight Operations	Airport
Navigation	Flight Operations	Approach
Navigation	Flight Operations	Runway
Navigation	Pilotage	Runway Markings
Navigation	Pilotage	Runway Signs

**PLT145**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Runway
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**PLT149**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Ground	ADS-B
Navigation	Flight Operations	Airport

[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Air Traffic Control Procedures	Ground	Taxi
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Air Traffic Control Procedures	Ground	Taxi
Navigation	Flight Operations	Airport
Navigation	Pilotage	Runway Lights

[Instrument Approach Procedure Charts](#)

Air Traffic Control Procedures	Arrival	After Landing
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**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Flight Rules
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	ADIZ
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Regulations	14CFR Part 91	Airspace
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**PLT164**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Lift
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**PLT166**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT167**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Temperature
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**PLT170**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	IFR Visual Approaches
Air Traffic Control Procedures	Arrival	After Landing

[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Navigation	Flight Operations	Approach
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Secondary Flight Controls
Air Traffic Control Procedures	Arrival	After Landing

[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Flight Controls	Secondary Flight Controls
Aerodynamics	Performance	Brakes
Aerodynamics	Performance	Normal Flight
Aerodynamics	Powerplant	Turbine
Aerodynamics	Powerplant	Turboprop

**PLT171**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Approach Control
Air Traffic Control Procedures	Communications	ATC Altitude Alerts
Air Traffic Control Procedures	Communications	Radio Procedures
Air Traffic Control Procedures	Services	Weather Radar

[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Air Traffic Control Procedures	Approach	PRM
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**PLT173**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Meteorology	Air Masses and Fronts	Pressure
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**PLT174**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Risk Management	Electronic Displays
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**PLT192**[AC 00-45 - Aviation Weather Services](#)

Meteorology	Clouds	Cumuliform
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[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Turbulence
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[FAA-H-8083-15 - Instrument Flying Handbook](#)

Meteorology	Clouds	Types
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**PLT195**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Traffic Alert / Collision Avoidance
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**PLT201**[Aeronautical Information Manual](#)

Navigation	Radio	Standard Departures
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[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Navigation	Radio	Departure Obstruction Clearance
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**PLT202**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	DME
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**PLT206**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Temperature
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**PLT208**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Limitations	Go / No-Go Decision
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**PLT210**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Authority / Actions / Reports
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**PLT213**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Stability / Control	Static
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**PLT214**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Flight Characteristics	Normal Flight
Aerodynamics	Principles of Flight	Hazards

**PLT221**[14 CFR part 91 General Operating and Flight Rules](#)

Navigation	Avionics	Electronic Glide Path
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**PLT223**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Airspeed	Vy
Aerodynamics	Performance	Abnormal Flight

**PLT226**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Fog
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**PLT235**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Performance	Abnormal Flight
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**PLT237**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Lift
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**PLT240**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Weight and Balance	Center of Gravity	Effect of Load Distribution
Weight and Balance	Center of Gravity	Stability

**PLT242**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	High speed
Aerodynamics	Stall / Spins	Angle of Attack

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Principles of Flight	Lift
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Airspeed	General
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**PLT245**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Lift
Aerodynamics	Stall / Spins	Angle of Attack

**PLT263**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Weather / Weather Charts	High Altitude	Clear Air Turbulence
Windshear / Turbulence	Clear Air Turbulence	Encountering

[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
Windshear / Turbulence	Clear Air Turbulence	JetStream

[Aeronautical Information Manual](#)

Windshear / Turbulence	Clear Air Turbulence	Reports
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**PLT266**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Lift
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Characteristics	Normal Flight
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Aerodynamics	Performance	Normal Flight
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Aerodynamics	Principles of Flight	Lift
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**PLT271**[FAA-H-8083-2 - Risk Management Handbook](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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**PLT274**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
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[AC 91-74 - Pilot Guide: Flight in Icing Conditions](#)

Meteorology	Hazardous	Icing
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[FAA-H-8083-15 - Instrument Flying Handbook](#)

Meteorology	Hazardous	Icing
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Meteorology	Icing	Structural Icing
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**PLT280**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Flight Illusions
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Human Factors	Aeromedical Factors	Spatial Disorientation
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Flight Illusions
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**PLT283**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
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**PLT286**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	Significant Weather Prognostic Charts
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**PLT288**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
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**PLT289**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Weather Depiction Charts
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**PLT290**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETs
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[Aeronautical Information Manual](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETs
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**PLT301**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Temperature
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**PLT303**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Ratios
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**PLT305**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Secondary Flight Controls
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Aerodynamics	Principles of Flight	Lift
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**PLT317**[AC 00-54 - Pilot Wind Shear Guide](#)

Windshear / Turbulence	Microbursts	Performance
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**PLT323**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	NOTAMS
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Navigation	Flight Operations	Preflight Planning/Calculations
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**PLT330**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Physiological
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**PLT334**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Flight Illusions
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**PLT337**[AC 91-43 - Unreliable Airspeed Indication](#)

Navigation	Instrumentation	Airspeed Indicator
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation	Instrumentation	Airspeed Indicator
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**PLT346**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Primary Flight Controls
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**PLT348**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Principles of Flight	Forces Acting on Wing
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**PLT354**[Aeronautical Information Manual](#)

Navigation	Avionics	GPS
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Navigation	Radio	GPS
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Navigation	Radio	RNP
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[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Navigation	Radio	GPS
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[Instrument Approach Procedure Charts](#)

Navigation	Radio	GPS
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[U.S. Terminal Procedures](#)

Navigation	Radio	RNAV
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**PLT367**[14 CFR part 91 General Operating and Flight Rules](#)

Air Traffic Control Procedures	En Route	Reporting
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Air Traffic Control Procedures	Preflight	Flight Plan
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Regulations	14CFR Part 91	Limitations
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[Aeronautical Information Manual](#)

Regulations	14CFR Part 91	Airspace
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**PLT370**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	ATC Communications
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Air Traffic Control Procedures	En Route	Speed Adjustments
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**PLT380**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Alternate / Weather / Fuel / Requirements
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**PLT382**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Landing Minimums
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**PLT383**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Icing Conditions
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**PLT384**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Seat Belts / Cabin Announcements
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**PLT385**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Cargo
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**PLT388**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Limitations
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**PLT389**[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

Regulations	14CFR Part 119	Definitions
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[Aeronautical Information Manual](#)

Navigation	Flight Operations	Approach
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**PLT390**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Reporting
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**PLT391**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT395**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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[14 CFR part 117 Flightcrew Member Duty and Rest Requirements](#)

Regulations	14CFR Part 117	Definitions
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**PLT396**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Takeoff Minimums
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**PLT404**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Equipment / Survival
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**PLT405**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT406**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Simultaneous ILS Approaches
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**PLT408**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Equipment / Survival
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**PLT409**[14 CFR part 117 Flightcrew Member Duty and Rest Requirements](#)

Regulations	14CFR Part 117	Flight and Duty Limitations
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[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Flight Time / Duty / Rest / Requirements
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**PLT420**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Parts 121/135	Landing Minimums
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[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Stabilized Approach
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[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Air Traffic Control Procedures	Approach	Radar Advisories
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**PLT422**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Dispatch / Redispatch
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**PLT428**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	Flight Operations	MEL/CDL
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**PLT433**[Aeronautical Information Manual](#)

Flight Operations	Normal Procedures	Flight Plan
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**PLT434**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Departure	Takeoff
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**PLT436**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Enroute
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**PLT438**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
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[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
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**PLT443**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Aircraft Equipment
Regulations	14CFR Part 121	Flightcrew qualification(s)
Regulations	14CFR Part 121 - Subpart M	Crewmember Requirements
Regulations	14CFR Part 121 - Subpart O	Second in Command

[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT444**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Authority / Actions / Reports
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**PLT456**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Landing Minimums
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**PLT460**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Training / Currency
Regulations	14CFR Parts 121/135	Training

**PLT463**[14 CFR part 91 General Operating and Flight Rules](#)

Human Factors	Aeromedical Factors	Alcohol
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**PLT469**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121 - Subpart K	Navigation Equipment
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**PLT477**[AC 120-109 - Stall and Stick Pusher Training](#)

Aerodynamics	Stall / Spins	Stall Warning Devices
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Stall Speed
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Stall / Spins	Angle of Attack
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**PLT492**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Stability
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**PLT493**[AC 00-6 - Aviation Weather](#)

Meteorology	Icing	Frost
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[AC 20-117 - Hazards Following Ground Deicing and Ground Operations in Conditions Conducive to Aircraft](#)

Aerodynamics	Principles of Flight	Hazards
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[AC 91-74 - Pilot Guide: Flight in Icing Conditions](#)

Aerodynamics	Principles of Flight	Hazards
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**PLT495**[AC 00-24 - Thunderstorms](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Temperature
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**PLT499**[AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Components
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Aircraft Performance	Turbine Engine Operations	Compressor Stall
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Aircraft Performance	Turbine Engine Operations	Efficiency
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Aircraft Performance	Turbine Engine Operations	Environmental Affect
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**PLT500**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Efficiency
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**PLT501**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence	Clear Air Turbulence	Encountering
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**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Normal Flight	V Speeds
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**PLT509**[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence	Wake Turbulence	Turbulence Factors
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[Aeronautical Information Manual](#)

Windshear / Turbulence	Wake Turbulence	Turbulence Factors
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**PLT510**[AC 00-6 - Aviation Weather](#)

Meteorology	Airflow	Temperature
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Meteorology	Atmosphere	Haze
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**PLT511**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Dry Line
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Meteorology	Air Masses and Fronts	Fronts
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Meteorology	Atmosphere	Pressure
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Meteorology	Hazardous	Thunderstorms
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**PLT512**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Temperature
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**PLT514**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Hazardous

Icing

[AC 00-6 - Aviation Weather](#)

Meteorology      Atmosphere

Pressure

**PLT516**[AC 00-6 - Aviation Weather](#)

Meteorology      Air Masses and Fronts

Fronts

Meteorology      Air Masses and Fronts

Temperature

Meteorology      Air Masses and Fronts

Winds

**PLT517**[AC 00-6 - Aviation Weather](#)

Meteorology      Air Masses and Fronts

Winds

**PLT518**[AC 00-54 - Pilot Wind Shear Guide](#)

Windshear / Turbulence      Microbursts

Loss of Airspeed Recovery

Windshear / Turbulence      Microbursts

Windshear

Windshear / Turbulence      Windshear

Characteristics

[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence      Microbursts

Windshear

[Aeronautical Information Manual](#)

Windshear / Turbulence      Windshear

LLWAS

**PLT524**[FAA-H-8083-6 - Advanced Avionics Handbook](#)

Navigation      Radio

Electronic Displays

**AIRLINE TRANSPORT PILOT – SINGLE ENGINE (ATS)**  
**Sample Questions**

## AIRLINE TRANSPORT PILOT – SINGLE ENGINE (ATS)

### 1. Which is a purpose of wing-mounted vortex generators?

A—Delays the onset of drag divergence at high speeds and aids in maintaining aileron effectiveness at high speeds.

B—Breaks the airflow over the wing so the stall will progress from the root out to the tip of the wing.

C—Increase the onset of drag divergence and aid in aileron effectiveness at low speed.

*Answer: A.*

*Learning Statement: Recall vortex generators - purpose / effects / aerodynamics*

### 2. Accident prone pilots tend to

A—have disdain toward rules.

B—follow methodical information gathering techniques.

C—excessively utilize outside resources.

*Answer: A.*

*Learning Statement: Recall Aeronautical Decision Making (ADM) - hazardous attitudes*

### 3. An ATC 'instruction'

A—is the same as an ATC 'clearance.'

B—must be 'read back' in full to the controller and confirmed before becoming effective.

C—is a directive issued by ATC for the purpose of requiring a pilot to take a specific action.

*Answer: C.*

*Learning Statement: Recall regulations- Air Traffic Control authorization / clearances*

### 4. What effect, if any, will landing at a higher-than-recommended touchdown speed have on hydroplaning?

A—Increases hydroplaning potential regardless of braking.

B—No effect on hydroplaning, but increases landing roll.

C—Reduces hydroplaning potential if heavy braking is applied.

*Answer: A.*

*Learning Statement: Recall airport operation – runway conditions.*

### 5. The visibility criteria for a particular instrument approach procedure is RVR 40. What minimum ground visibility may be substituted for the RVR value?

A—3/4 SM.

B—1/2 SM.

C—1/4 SM.

*Answer: A.*

*Learning Statement: Recall regulations – instrument approach procedures.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT – SINGLE ENGINE (ATS)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT004</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Computations	Engine torque
<a href="#">U.S. Terminal Procedures</a>		
Aircraft Performance	Charts	Climb
<b>PLT008</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Computations	Preflight Planning
<b>PLT013</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT015</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aerodynamics	Performance	Normal Flight
<b>PLT022</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Risk Management	Electronic Displays
Human Factors	Aeronautical Decision Making (ADM)	Risk Management
<b>PLT029</b> <a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	After Landing
<b>PLT047</b> <a href="#">FAA-H-8083-6 - Advanced Avionics Handbook</a>		
Navigation	Automation	Automation errors
<b>PLT049</b> <a href="#">Aeronautical Information Manual</a>		
Navigation	Radio	Instrument Approach
<a href="#">U.S. Terminal Procedures</a>		
Navigation	Avionics	Airborne Equipment
<b>PLT059</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT066</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Forecasts	Convective Outlook Charts
<b>PLT068</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Forecasts	Significant Weather Prognostic Charts
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Hazardous	Tropical Storms
<b>PLT072</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
<b>PLT075</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Reports	Weather Depiction Charts
<b>PLT076</b> <a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
<b>PLT078</b> <a href="#">Aeronautical Information Manual</a>		
Aircraft Performance	Charts	Runway
<a href="#">Chart Supplements U.S.</a>		
National Weather Service (NWS)	Functions	Aeronautical Weather Reports

**PLT094**Aerodynamics for Naval Aviators

Aerodynamics	Stall / Spins	Angle of Attack
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**PLT098**Aeronautical Information Manual

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT103**FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge

Aeronautical Decision Making	Judgment	Attitudes
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Aeronautical Decision Making	Judgment	Training
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**PLT104**AC 120-51 - Crew Resource Management

Crew Resource Management (CRM)	Crew Communication	Crew Monitoring
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Crew Resource Management (CRM)	Crew Coordination	CRM Principles
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Crew Resource Management (CRM)	Crew Coordination	CRM Training
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FAA-H-8083-2 - Risk Management Handbook

Human Factors	Aeromedical Factors	Fitness for Flight
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FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge

Aeronautical Decision Making	Judgment	Automatic Decisions
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Aeronautical Decision Making	Judgment	Human Error
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Aeronautical Decision Making	Risk Management	Mitigation
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**PLT105**AC 00-6 - Aviation Weather

Meteorology	Clouds	Radar
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**PLT108**AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing

Meteorology	Hazardous	Icing
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**PLT121**FAA-H-8083-1 - Weight and Balance Handbook

Aircraft Performance	Computations	Weight Load
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**PLT124**FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge

Aerodynamics	High Altitude	Stall speed
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Aircraft Performance	Atmospheric Effects	Instrumentation Error
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Aircraft Performance	Atmospheric Effects	Wind
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**PLT127**FAA-H-8083-3 - Airplane Flying Handbook

Aircraft Performance	Turbine Engine Operations	Environmental Affect
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**PLT128**AC 91-74 - Pilot Guide: Flight in Icing Conditions

Meteorology	Hazardous	Icing
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**PLT134**Aerodynamics for Naval Aviators

Aerodynamics	Performance	Abnormal Flight
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**PLT139**Aerodynamics for Naval Aviators

Aerodynamics	Stall / Spins	Stall Warning Devices
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**PLT140**Aeronautical Information Manual

Air Traffic Control Procedures	Arrival	After Landing
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**PLT141**Aeronautical Information Manual

Navigation	Flight Operations	Airport
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Navigation	Flight Operations	Runway
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Navigation	Pilotage	Taxiway Markings
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Navigation	Pilotage	Taxiway Signs
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**PLT145**Aeronautical Information Manual

Navigation	Flight Operations	Runway
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**PLT147**Aeronautical Information Manual

Navigation	Flight Operations	Runway
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**PLT149**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Ground

ADS-B

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Air Traffic Control Procedures      Ground

Taxi

Navigation      Flight Operations

Airport

Navigation      Pilotage

Runway Lights

[Instrument Approach Procedure Charts](#)

Air Traffic Control Procedures      Arrival

After Landing

**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Navigation      Airspace

Class B

Regulations      14CFR Part 91

Flight Rules

**PLT170**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Approach

IFR Visual Approaches

[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics      Performance

Brakes

**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Arrival

Approach Control

Air Traffic Control Procedures      Arrival

Uncontrolled Field

Air Traffic Control Procedures      Services

Weather Radar

**PLT173**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Meteorology      Air Masses and Fronts

Pressure

**PLT192**[AC 00-6 - Aviation Weather](#)

Meteorology      Clouds

Turbulence

**PLT202**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation      Radio

DME

**PLT205**[Aeronautical Information Manual](#)

Human Factors      Aeromedical Factors

Alcohol

**PLT206**[AC 00-6 - Aviation Weather](#)

Meteorology      Air Masses and Fronts

Temperature

**PLT207**[Aeronautical Information Manual](#)

Navigation      Avionics

Airborne Equipment

**PLT213**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics      Stability / Control

Static

**PLT214**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics      Principles of Flight

Hazards

**PLT221**[14 CFR part 91 General Operating and Flight Rules](#)

Navigation      Avionics

Electronic Glide Path

**PLT237**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics      Load Factor

Lift

**PLT240**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Weight and Balance      Center of Gravity

Effect of Load Distribution

Weight and Balance      Center of Gravity

Stability

**PLT242**[Aerodynamics for Naval Aviators](#)

Aerodynamics      Stall / Spins

Angle of Attack

**PLT247**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics      Normal Flight

Takeoff

**PLT263**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Windshear / Turbulence	Clear Air Turbulence	Encountering
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[Aeronautical Information Manual](#)

Windshear / Turbulence	Clear Air Turbulence	Reports
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**PLT266**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Lift
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Characteristics	Normal Flight
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Aerodynamics	Performance	Normal Flight
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**PLT271**[FAA-H-8083-2 - Risk Management Handbook](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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**PLT274**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Meteorology	Icing	Structural Icing
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**PLT280**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Flight Illusions
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Human Factors	Aeromedical Factors	Spatial Disorientation
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Flight Illusions
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**PLT283**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
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**PLT288**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	Aviation Weather Forecasts
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Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
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**PLT289**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Weather Depiction Charts
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**PLT290**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETs
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[Aeronautical Information Manual](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETs
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**PLT296**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	Holding
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**PLT303**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Limitations	Best Range
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**PLT305**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Secondary Flight Controls
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**PLT317**[Aeronautical Information Manual](#)

Windshear / Turbulence	Microbursts	Performance
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**PLT323**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	NOTAMS
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**PLT330**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Physiological
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**PLT337**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Navigation	Instrumentation	Airspeed Indicator
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**PLT354**[Aeronautical Information Manual](#)

Navigation	Avionics	GPS
Navigation	Radio	GPS
Navigation	Radio	RNP
<a href="#"><u>FAA-H-8083-16 - Instrument Procedures Handbook</u></a>		
Navigation	Radio	GPS

**PLT370**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	ATC Communications
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**PLT388**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Limitations
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**PLT391**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT395**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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**PLT405**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT409**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT420**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Parts 121/135	Landing Minimums
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Stabilized Approach
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**PLT438**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
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[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135 Subpart B	Oxygen Requirements in Unpressurized Aircraft
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**PLT442**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Testing
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**PLT443**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Drug / Alcohol Impairment
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**PLT459**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
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**PLT463**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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[14 CFR part 91 General Operating and Flight Rules](#)

Human Factors	Aeromedical Factors	Alcohol
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**PLT475**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Definitions
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**PLT477**[AC 120-109 - Stall and Stick Pusher Training](#)

Aerodynamics	Stall / Spins	Stall Warning Devices
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Stall Speed
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**PLT493**[AC 20-117 - Hazards Following Ground Deicing and Ground Operations in Conditions Conducive to Aircraft](#)

Aerodynamics	Principles of Flight	Hazards
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**PLT495**[AC 00-24 - Thunderstorms](#)

Meteorology	Hazardous	Thunderstorms
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[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Temperature
Meteorology	Hazardous	Thunderstorms

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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**PLT499**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Turbine Engine Operations	Environmental Affect
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Efficiency
Aircraft Performance	Turbine Engine Operations	Environmental Affect

**PLT500**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Efficiency
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**PLT501**[Aeronautical Information Manual](#)

Windshear / Turbulence	Clear Air Turbulence	Reports
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**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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**PLT509**[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence	Wake Turbulence	Turbulence Factors
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**PLT511**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Fronts
Meteorology	Hazardous	Thunderstorms

**PLT514**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Hazardous	Icing
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**PLT515**[Aeronautical Information Manual](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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**PLT516**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Fronts
Meteorology	Air Masses and Fronts	Winds

**PLT518**[AC 00-54 - Pilot Wind Shear Guide](#)

Windshear / Turbulence	Microbursts	Loss of Airspeed Recovery
Windshear / Turbulence	Microbursts	Windshear
Windshear / Turbulence	Windshear	Characteristics

[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
Windshear / Turbulence	Microbursts	Windshear

**PLT524**[FAA-H-8083-6 - Advanced Avionics Handbook](#)

Navigation	Radio	Electronic Displays
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**AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 (ATH)**  
**Sample Questions**

## AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 (ATH)

### 1. All runway hold markings consist of

- A—2 dashed and 1 solid yellow line.
- B—2 dashed and 2 solid yellow lines.
- C—1 dashed and 1 solid yellow line.

*Answer: B.*

*Learning Statement: Recall airport preflight / taxi operations – procedures.*

### 2. In addition to a two-way radio capable of communicating with ATC on appropriate frequencies, which equipment is the helicopter required to have to operate within Class B airspace? (Letter of agreement not applicable.)

- A—DME, a VOR or TACAN receiver, and an appropriate transponder beacon.
- B—an appropriate ATC transponder.
- C—a VOR or TACAN receiver.

*Answer: B.*

*Learning Statement: Recall regulations-equipment/instrument/certificate requirements.*

### 3. When must the pilot initiate a missed approach procedure from an ILS approach?

- A—At the DA/DH, if the visual references for the intended runway are not distinctly visible, or anytime thereafter that visual reference is lost.
- B—When the time has expired after reaching the DA/DH and the runway environment is not clearly visible.
- C—At the DA/DH when the runway is not clearly visible.

*Answer: A.*

*Learning Statement: Recall regulations-instrument approach procedures.*

### 4. KFTW UA/OV DFW/TM 1645/FL100/TP PA 30/SK SCT031-TOP043/BKN060-TOP085/OVC097-TOPUNKN/WX FV00SM RA/TA 07

**This pilot report to Fort Worth (KFTW) indicates**

- A—The aircraft is in light rain.
- B—The ceiling at KDFW is 6,000 feet.
- C—The top of the ceiling is 4,300 feet.

*Answer: B.*

*Learning Statement: Interpret information on a PIREP.*

### 5. Why are certain areas that start 3 nautical miles from the coastline of the U.S. and extend outward, classified as Warning Areas?

- A—To warn pilots of nonparticipating aircraft of a potential danger within the area.
- B—To inform pilots of participating aircraft to maintain extreme vigilance while conducting flight within the area.
- C—To warn all aircraft pilots that flying within the area may be extremely hazardous to aircraft and occupants.

*Answer: A.*

*Learning Statement: Recall airspace classes-limits/requirements/restrictions/airspeeds/equipment.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 (ATH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT002</b>		
<a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a>		
Aircraft Performance	Charts	Cruise
<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
Aircraft Performance	Charts	Cruise
<b>PLT004</b>		
<a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a>		
Aircraft Performance	Charts	Engine Out Performance
<b>PLT008</b>		
<a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a>		
Aircraft Performance	Charts	Landing
<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
Aircraft Performance	Charts	Landing
<b>PLT009</b>		
<a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a>		
Aircraft Performance	Charts	Power Check
<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
Aircraft Performance	Charts	Power Check
Aircraft Performance	Charts	Turbine Engine
<b>PLT011</b>		
<a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a>		
Aircraft Performance	Charts	Takeoff
<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT012</b>		
<a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a>		
Aircraft Performance	Computations	Airspeeds
Aircraft Performance	Computations	ETE
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Computations	ETE
<b>PLT021</b>		
<a href="#">FAA-H-8083-1 - Weight and Balance Handbook</a>		
Weight and Balance	Aircraft Loading	Lateral Shift
Weight and Balance	Center of Gravity	Computations
Weight and Balance	Center of Gravity	Limitations
Weight and Balance	Center of Gravity	Shifting Weight
<b>PLT022</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Risk Management	Electronic Displays
Human Factors	Aeronautical Decision Making (ADM)	Risk Management
Human Factors	Aeronautical Decision Making (ADM)	Situational Awareness
<b>PLT024</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Airflow	Temperature
Meteorology	Atmosphere	Stability
<b>PLT029</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT040</b>		
<a href="#">Aeronautical Information Manual</a>		
Navigation	Airspace	Class B
Regulations	14CFR Part 91	Airspace
<b>PLT044</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	Speeds

**PLT048**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aircraft Performance      Charts

Hovering

[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aircraft Performance      Charts

Hovering

**PLT049**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation      Radio

Instrument Approach

[U.S. Terminal Procedures](#)

Navigation      Avionics

Airborne Equipment

Navigation      Radio

Instrument Approach

Navigation      Radio

Non-precision Approach

**PLT058**[Aeronautical Information Manual](#)

Navigation      Radio

VOR

[Chart Supplements U.S.](#)

Navigation      Flight Operations

Airport

[IFR Enroute Low Altitude Chart](#)

Navigation      Flight Operations

IFR Enroute Charts

[FAA-H-8083-15 - Instrument Flying Handbook](#)

Air Traffic Control Procedures      Communications

ATC Communications

Navigation      Flight Operations

IFR Enroute Charts

Navigation      Radio

VOR

**PLT059**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Reports

Aviation Routine Weather Reports (METAR)

Weather / Weather Charts      Aeronautical Weather Reports

Aviation Weather Reports

**PLT066**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)      Functions

Aeronautical Weather Forecasts

Weather / Weather Charts      Aeronautical Weather Forecasts

Convective Outlook Charts

**PLT067**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Forecasts

Inflight Aviation Weather Advisories

Weather / Weather Charts      Aeronautical Weather Forecasts

SIGMETS

**PLT068**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Forecasts

Significant Weather Prognostic Charts

Weather / Weather Charts      Aeronautical Weather Reports

Significant Weather Prognostic Charts

**PLT072**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Forecasts

TAF

**PLT075**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Reports

Weather Depiction Charts

**PLT076**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts      Aeronautical Weather Forecasts

Wind and Temperature Aloft Forecast

**PLT078**[Chart Supplements U.S.](#)

National Weather Service (NWS)      Functions

Weather Outlets

**PLT080**[Aeronautical Information Manual](#)

Navigation      Flight Operations

Arrivals

Navigation      Radio

STAR

**PLT083**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Arrival

Instrument Approach Procedures

Navigation      Radio

Instrument Approach

**PLT087**[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation      Radio

DME

**PLT090**[Aeronautical Information Manual](#)

Navigation	Radio	Non-precision Approach
<a href="#"><u>FAA-H-8083-15 - Instrument Flying Handbook</u></a>		
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[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Approach Chart
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**PLT093**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Aircraft Equipment
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**PLT094**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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**PLT098**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT099**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Physiological
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Scanning
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**PLT103**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Training
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**PLT104**[AC 120-51 - Crew Resource Management](#)

Crew Resource Management (CRM)	Crew Communication	Crew Monitoring
Crew Resource Management (CRM)	Crew Communication	Cross Checking
Crew Resource Management (CRM)	Crew Coordination	CRM Principles
Crew Resource Management (CRM)	Crew Coordination	CRM Training

[FAA-H-8083-2 - Risk Management Handbook](#)

Aeronautical Decision Making	Risk Management	Hazardous Phase of Flight
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Automatic Decisions
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**PLT105**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Radar
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**PLT127**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aircraft Performance	Atmospheric Effects	Density Altitude
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**PLT141**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Ground	Taxi
Navigation	Flight Operations	Airport
Navigation	Flight Operations	Heliport
Navigation	Pilotage	Taxiway Signs

**PLT142**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Traffic Separation
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**PLT145**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Runway
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**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

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Regulations	14CFR Part 91	Airspace
Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement

**PLT162**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	MOA
Air Traffic Control Procedures	Services	Outer Class C

**PLT164**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Lift
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**PLT171**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
Air Traffic Control Procedures	En Route	Reporting

**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Approach Control
Air Traffic Control Procedures	Arrival	Uncontrolled Field
Air Traffic Control Procedures	Services	Class C

**PLT173**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Pressure
Meteorology	Atmosphere	Stability

**PLT174**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Risk Management	Electronic Displays
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**PLT175**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Forces Acting on Rotary Wing
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**PLT192**[AC 00-45 - Aviation Weather Services](#)

Meteorology	Clouds	Cumuliform
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[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Moisture/Cloud Formation/Precipitation
Meteorology	Clouds	Stratiform

**PLT197**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Forces Acting on Rotary Wing
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**PLT203**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Temperature
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**PLT208**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Flight Characteristics	Flight Hazards
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**PLT217**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Normal Flight	Flight Maneuvers
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**PLT224**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT225**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT226**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Fog
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**PLT235**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Principles of Flight	Lift
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**PLT237**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Ground Effect
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**PLT240**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Weight and Balance	Center of Gravity	Effect of Load Distribution
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<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
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<b>PLT248</b>		
<a href="#">Aerodynamics for Naval Aviators</a>		
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<a href="#">Aeronautical Information Manual</a>		
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<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
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<b>PLT271</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
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<b>PLT274</b>		
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<a href="#">AC 91-74 - Pilot Guide: Flight in Icing Conditions</a>		
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Meteorology	Hazardous	Icing
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
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<a href="#">Aeronautical Information Manual</a>		
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Weather / Weather Charts	Hazardous	Thunderstorms
<b>PLT317</b>		
<a href="#">AC 00-54 - Pilot Wind Shear Guide</a>		
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<a href="#">AC 91-43 - Unreliable Airspeed Indication</a>		
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**PLT389**[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

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**PLT390**[Aeronautical Information Manual](#)

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**PLT400**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT405**[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT406**[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT409**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Flight / Duty - Times / Limitations
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[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

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**PLT413**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT420**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT424**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT425**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT427**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

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**PLT428**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT430**[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT433**[Aeronautical Information Manual](#)

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**PLT434**[Aeronautical Information Manual](#)

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**PLT435**[Aeronautical Information Manual](#)

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**PLT438**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Aircraft Equipment
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Regulations	14CFR Part 135 Subpart B	Oxygen Requirements in Unpressurized Aircraft
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**PLT442**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Testing
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[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

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**PLT443**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Drug / Alcohol Impairment
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**PLT444**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT449**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT454**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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**PLT458**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
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**PLT459**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

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Regulations	14CFR Part 135 Subpart D	Weather Requirements
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[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT463**[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT470**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Flight Characteristics	Flight Limitations
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[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Flight Characteristics	Flight Limitations
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Aerodynamics	Principles of Flight	Forces Acting on Aircraft
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Aerodynamics	Principles of Flight	Forces Acting on Rotary Wing
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Aerodynamics	Principles of Flight	Hazards
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Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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Aerodynamics	Principles of Flight	Lift
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**PLT471**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Abnormal Flight	Flight Hazards
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[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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**PLT472**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Flight Characteristics	Abnormal Flight
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**PLT475**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Definitions
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**PLT492**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Stability
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**PLT495**[AC 00-24 - Thunderstorms](#)

Meteorology	Hazardous	Thunderstorms
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[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Thunderstorms
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<b>PLT499</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Turbine Engine Operations	Compressor Stall
<b>PLT506</b>		
<a href="#">14 CFR part 1 Definitions and Abbreviations</a>		
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<b>PLT508</b>		
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<b>PLT509</b>		
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Windshear / Turbulence	Wake Turbulence	Turbulence Factors
<b>PLT510</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
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Meteorology	Airflow	Temperature
Meteorology	Atmosphere	Haze
<b>PLT511</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Air Masses and Fronts	Dry Line
Meteorology	Atmosphere	Pressure
Meteorology	Hazardous	Thunderstorms
<b>PLT512</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Icing	Inversions Aloft
<b>PLT514</b>		
<a href="#">AC 00-45 - Aviation Weather Services</a>		
Weather / Weather Charts	Hazardous	Icing
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Atmosphere	Pressure
<b>PLT516</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Air Masses and Fronts	Winds
<b>PLT517</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Air Masses and Fronts	Winds
<b>PLT518</b>		
<a href="#">AC 00-54 - Pilot Wind Shear Guide</a>		
Windshear / Turbulence	Clear Air Turbulence	Windshear
<a href="#">AC 00-6 - Aviation Weather</a>		
Windshear / Turbulence	Microbursts	Windshear
<a href="#">Aeronautical Information Manual</a>		
Windshear / Turbulence	Windshear	LLWAS
<b>PLT522</b>		
<a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a>		
Human Factors	Aeromedical Factors	Flight Illusions
<b>PLT524</b>		
<a href="#">FAA-H-8083-6 - Advanced Avionics Handbook</a>		
Navigation	Radio	Electronic Displays

**AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 Added Rating (ARH)**  
**Sample Questions**

## AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 Added Rating (ARH)

**1. What corrective action can a pilot take to prevent a retreating blade stall at its onset?**

- A—Reduce collective pitch and increase rotor RPM.
- B—Reduce collective pitch and decrease rotor RPM.
- C—Increase collective pitch and increase rotor RPM.

*Answer: A.*

*Learning Statement: Recall rotor system-types/components/operating principles/characteristics.*

**2. (Refer to FAA-CT-8080-7C, Figures 30, 31, 32, 33, and 34.) Given loading conditions BL-6, what is the effect on lateral CG if the outside passengers from each row on the left side are deplaned? Deplaned passenger weights are 170 pounds each.**

- A—CG shifts 1.5 inches right, out of limits.
- B—CG shifts 1.6 inches left, out of limits.
- C—CG shifts 1.4 inches right, within limits.

*Answer: A.*

*Learning Statement: Calculate weight and balance.*

**3. (Refer to FAA-CT-8080-7C, Figure 41.) Given the following, what is the single-engine climb or descent performance? Pressure altitude: 3,000 feet Temperature: (OAT) +35 °C**

- A—175 ft/min descent.
- B—100 ft/min descent.
- C—350 ft/min climb.

*Answer: B.*

*Learning Statement: Calculate aircraft performance-climb/descent.*

**4. (Refer to FAA-CT-8080-7C, Figure 37) What is the maximum gross weight for hovering in ground effect at 3,000 feet pressure altitude and +25 °C?**

- A—16,600 pounds.
- B—17,300 pounds.
- C—14,700 pounds.

*Answer: B.*

*Learning Statement: Interpret Hovering Ceiling Chart.*

**5. What is the reason for variations in geometric pitch along a propeller or rotor blade?**

- A—It permits a relatively constant angle of incidence along its length when in cruising flight.
- B—It permits a relatively constant angle of attack along its length when in cruising flight.
- C—It prevents the portion of the blade near the hub or root from stalling during cruising flight.

*Answer: B.*

*Learning Statement: Recall aerodynamics - airfoil design / pressure distribution / effects of altitude*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT—HELICOPTER—Part 135 Added Rating (ARH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT004</b> <a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a> Aircraft Performance	Charts	Engine Out Performance
<b>PLT008</b> <a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a> Aircraft Performance	Charts	Landing
<b>PLT012</b> <a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a> Aircraft Performance	Computations	Airspeeds
Aircraft Performance	Computations	ETE
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a> Aircraft Performance	Computations	ETE
<b>PLT021</b> <a href="#">FAA-H-8083-1 - Weight and Balance Handbook</a> Weight and Balance	Aircraft Loading	Lateral Shift
Weight and Balance	Center of Gravity	Computations
Weight and Balance	Center of Gravity	Limitations
Weight and Balance	Center of Gravity	Shifting Weight
<b>PLT022</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a> Aeronautical Decision Making	Risk Management	Electronic Displays
Human Factors	Aeronautical Decision Making (ADM)	Situational Awareness
<b>PLT029</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a> Navigation	Airspace	Class B
Regulations	14CFR Part 91	Airspace
<b>PLT043</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
<b>PLT048</b> <a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a> Aircraft Performance	Charts	Hovering
<b>PLT049</b> <a href="#">U.S. Terminal Procedures</a> Navigation	Avionics	Airborne Equipment
Navigation	Radio	Instrument Approach
<b>PLT058</b> <a href="#">IFR Enroute Low Altitude Chart</a> Navigation	Flight Operations	IFR Enroute Charts
<a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a> Navigation	Flight Operations	IFR Enroute Charts
<b>PLT059</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
<b>PLT067</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Forecasts	Inflight Aviation Weather Advisories
<b>PLT068</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Forecasts	Significant Weather Prognostic Charts
<b>PLT072</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
<b>PLT076</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast

**PLT080**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Arrivals
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**PLT090**[Aeronautical Information Manual](#)

Navigation	Radio	Non-precision Approach
Navigation	Radio	VOR

[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	CDI
Navigation	Radio	Instrument Approach
Navigation	Radio	VOR

**PLT094**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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**PLT098**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT099**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Physiological
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Scanning
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**PLT104**[AC 120-51 - Crew Resource Management](#)

Crew Resource Management (CRM)	Crew Communication	Cross Checking
Crew Resource Management (CRM)	Crew Coordination	CRM Principles

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Automatic Decisions
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**PLT127**[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aircraft Performance	Atmospheric Effects	Density Altitude
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[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aircraft Performance	Atmospheric Effects	Density Altitude
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**PLT141**[Aeronautical Information Manual](#)

Navigation	Pilotage	Taxiway Signs
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**PLT142**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Traffic Separation
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**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT162**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	MOA
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**PLT164**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Load Factor	Lift
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**PLT171**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Priority
Air Traffic Control Procedures	Arrival	Approach Control
Air Traffic Control Procedures	Arrival	Uncontrolled Field

**PLT174**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Risk Management	Electronic Displays
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**PLT175**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Forces Acting on Rotary Wing
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<b>PLT197</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Principles of Flight	Forces Acting on Rotary Wing
<b>PLT203</b> <a href="#">AC 00-6 - Aviation Weather</a> Meteorology	Atmosphere	Temperature
<b>PLT205</b> <a href="#">Aeronautical Information Manual</a> Human Factors	Aeromedical Factors	Alcohol
<b>PLT208</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Flight Characteristics	Flight Hazards
<b>PLT217</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Normal Flight	Flight Maneuvers
<b>PLT240</b> <a href="#">FAA-H-8083-21 - Helicopter Flying Handbook</a> Weight and Balance	Center of Gravity	Effect of Load Distribution
<b>PLT242</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Principles of Flight	Lift
<b>PLT248</b> <a href="#">Aerodynamics for Naval Aviators</a> Aerodynamics	Principles of Flight	Load Factor
<b>PLT263</b> <a href="#">AC 00-6 - Aviation Weather</a> Meteorology	Hazardous	Icing
<a href="#">Aeronautical Information Manual</a> Weather / Weather Charts	Hazardous	Visibility Restrictions
<b>PLT268</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Principles of Flight	Forces Acting on Aircraft
<b>PLT274</b> <a href="#">AC 00-6 - Aviation Weather</a> Meteorology	Icing	Freezing Rain
<b>PLT280</b> <a href="#">Aeronautical Information Manual</a> Human Factors	Aeromedical Factors	Flight Illusions
<b>PLT288</b> <a href="#">AC 00-45 - Aviation Weather Services</a> Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
<b>PLT290</b> <a href="#">AC 00-45 - Aviation Weather Services</a> National Weather Service (NWS)	Functions	Aeronautical Weather Reports
Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETS
<a href="#">Aeronautical Information Manual</a> Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETS
<b>PLT292</b> <a href="#">Aeronautical Information Manual</a> Navigation	Radio	Helicopter Procedures
<b>PLT296</b> <a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a> Navigation	Radio	Holding
<b>PLT317</b> <a href="#">Aeronautical Information Manual</a> Windshear / Turbulence	Microbursts	Performance
<b>PLT323</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Preflight	NOTAMS
<b>PLT341</b> <a href="#">FAA-H-8083-21 - Rotorcraft Flying Handbook</a> Aerodynamics	Abnormal Flight	Flight Hazards
Aerodynamics	Flight Characteristics	Flight Hazards
<b>PLT348</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a> Aerodynamics	Principles of Flight	Forces Acting on Aircraft

<b>PLT354</b>		
<a href="#">Aeronautical Information Manual</a>		
Navigation	Radio	GPS
<b>PLT355</b>		
<a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a>		
Navigation	Radio	HSI
Navigation	Radio	ILS
<b>PLT356</b>		
<a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a>		
Navigation	Radio	ILS
<b>PLT358</b>		
<a href="#">Aeronautical Information Manual</a>		
Navigation	Radio	ILS
<b>PLT366</b>		
<a href="#">49 CFR part 830 Notification and Reporting of Aircraft Accidents</a>		
Regulations	NTSB Part 830	Definitions
Regulations	NTSB Part 830	Reports / Reporting
<b>PLT370</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	En Route	Speed Adjustments
<b>PLT384</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT385</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Cargo / Carry-on Baggage
<b>PLT389</b>		
<a href="#">14 CFR part 119 Certification: Air Carriers and Commercial Operators</a>		
Regulations	14CFR Part 119	Definitions
<b>PLT405</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
<b>PLT406</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Instrument Flight Rules
<b>PLT409</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Flight / Duty - Times / Limitations
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Limitations
<b>PLT420</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Instrument Flight Rules
<b>PLT425</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Records Keeping
<b>PLT427</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Limitations
<b>PLT430</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Flight Rules
<b>PLT438</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
Regulations	14CFR Part 135 Subpart B	Oxygen Requirements in Unpressurized Aircraft
<b>PLT442</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 135 Subpart E	Operating Experience
Regulations	14CFR Part 61	Instrument Currency
<b>PLT444</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties

**PLT449**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Testing
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**PLT454**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Aircraft Equipment
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**PLT458**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
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**PLT459**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations	14CFR Part 135 Subpart D	Weather Requirements
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**PLT470**[Aerodynamics for Naval Aviators](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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[FAA-H-8083-21 - Helicopter Flying Handbook](#)

Aerodynamics	Flight Characteristics	Flight Limitations
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[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Flight Characteristics	Flight Limitations
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Aerodynamics	Principles of Flight	Forces Acting on Aircraft
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Aerodynamics	Principles of Flight	Hazards
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Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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Aerodynamics	Principles of Flight	Lift
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**PLT471**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Principles of Flight	Helicopter Rotary Wings
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**PLT472**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Flight Characteristics	Abnormal Flight
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**PLT495**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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**PLT499**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Turbine Engine Operations	Environmental Affect
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**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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**PLT510**[AC 00-6 - Aviation Weather](#)

Meteorology	Airflow	Temperature
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**PLT511**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Thunderstorms
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**PLT522**[FAA-H-8083-21 - Rotorcraft Flying Handbook](#)

Aerodynamics	Normal Flight	High Winds / Turbulence
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**AIRCRAFT DISPATCHER (ADX)**  
**Sample Questions**

## AIRCRAFT DISPATCHER (ADX)

1. (Refer to FAA-CT-8080-7C, Figures 51 and 52.) What is the total time from starting to the alternate through completing the approach for Operating Conditions L-1?

A—44 minutes.  
B—30 minutes.  
C—29 minutes.

Answer: A.

Learning Statement: Calculate aircraft performance-time/speed/distance/course/fuel/wind.

2. (Refer to FAA-CT-8080-7C, Figure 40.) What is the climb performance with both engines operating?

Pressure altitude: 9,500 feet      Temperature: (OAT) -5 °C      Heater: ON

A—600 feet/minute.  
B—925 feet/minute.  
C—335 feet/minute.

Answer: A.

Learning Statement: Calculate aircraft performance - climb / descent / maneuvering

3. (Refer to FAA-CT-8080-7C, Figures 73, 74, and 75.) What is the maneuvering speed for Operating Conditions L-5?

A—137 knots.  
B—130 knots.  
C—124 knots.

Answer: B.

Learning Statement: Calculate aircraft performance - airspeed.

4. An airport may not be qualified for alternate use if

A—the airport has AWOS-3 weather reporting.  
B—the airport is located next to a restricted or prohibited area.  
C—the NAVAIDS used for the final approach are unmonitored.

Answer: C.

Learning Statement: Recall regulations-alternate airport requirements.

5. Pilots are not authorized to fly a published RNAV or RNP procedure unless it is retrievable by the procedure name from

A—the aircraft navigation database, or manually loaded with each individual waypoint in the correct sequence.  
B—the aircraft navigation database, or manually loaded with each individual waypoint and verified by the pilot(s).  
C—the aircraft navigation database.

Answer: C.

Learning Statement: Recall radio - GPS / RNAV / RAIM

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRCRAFT DISPATCHER (ADX)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT004</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Climb
Aircraft Performance	Charts	Engine Out Performance
<a href="#">U.S. Terminal Procedures</a>		
Aircraft Performance	Charts	Climb
<b>PLT007</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Climb
Aircraft Performance	Charts	Holding
<b>PLT008</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Landing
<b>PLT010</b>		
<a href="#">FAA-H-8083-1 - Weight and Balance Handbook</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT011</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT012</b>		
<a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a>		
Navigation	Flight Operations	Preflight Planning/Calculations
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Alternate
Aircraft Performance	Charts	Climb
Aircraft Performance	Charts	Cruise
Aircraft Performance	Charts	Holding
Aircraft Performance	Computations	ETE
Aircraft Performance	Computations	Fuel
Navigation	Radio	VOR
<b>PLT015</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aerodynamics	Performance	Normal Flight
Aircraft Performance	Limitations	Best Range
<a href="#">FAA-H-8083-3 - Airplane Flying Handbook</a>		
Aerodynamics	Performance	Normal Flight
<b>PLT020</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Turbulent Air Penetration
<b>PLT021</b>		
<a href="#">FAA-H-8083-1 - Weight and Balance Handbook</a>		
Weight and Balance	Center of Gravity	Computations
Weight and Balance	Center of Gravity	Shifting Weight
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Climb
Aircraft Performance	Charts	Landing
<b>PLT024</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Airflow	Temperature
<b>PLT029</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<b>PLT032</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aerodynamics	Airspeed	Mach

**PLT040**[14 CFR part 71 Designation of Class A, B, C, D, and E Airspace Areas; Air Traffic Service Routes](#)

Regulations	14CFR Part 91	Airspace
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**PLT042**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
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**PLT043**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
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**PLT044**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Ground	Ground Hold Delays
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**PLT049**[AC 00-45 - Aviation Weather Services](#)

Navigation	Flight Operations	Approach Chart
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[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	Instrument Approach
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Navigation	Radio	Intersections
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[U.S. Terminal Procedures](#)

Navigation	Avionics	Airborne Equipment
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Navigation	Flight Operations	Approach Chart
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Navigation	Radio	ILS
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Navigation	Radio	Instrument Approach
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Navigation	Radio	Non-precision Approach
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**PLT050**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT052**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Parts 121/135	Performance Requirements
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[Aeronautical Information Manual](#)

Navigation	Radio	Standard Departures
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[U.S. Terminal Procedures](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT053**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT055**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Airways and Route Systems
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**PLT058**[Chart Supplements U.S.](#)

Navigation	Flight Operations	Airport
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[IFR Enroute Low Altitude Chart](#)

Navigation	Flight Operations	IFR Enroute Charts
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[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Navigation	Flight Operations	IFR Enroute Charts
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**PLT059**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Aviation Routine Weather Reports (METAR)
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Weather / Weather Charts	Aeronautical Weather Reports	Aviation Selected Special Report (SPECI)
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**PLT066**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	Convective Outlook Charts
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**PLT068**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Tropical Storms
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**PLT069**[AC 91-6 - Water, Slush, and Snow on the Runway](#)

Aircraft Performance	Charts	Contaminants
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT072**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	TAF
Windshear / Turbulence	Windshear	Characteristics

**PLT073**[Chart Supplements U.S.](#)

Air Traffic Control Procedures	En Route	Tower Enroute
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**PLT075**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Weather Depiction Charts
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**PLT076**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
Weather / Weather Charts	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast

**PLT078**[Aeronautical Information Manual](#)

Navigation	Flight Operations	Runway
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[Chart Supplements U.S.](#)

Air Traffic Control Procedures	Ground	Taxi
National Weather Service (NWS)	Functions	Aeronautical Weather Reports
Navigation	Flight Operations	Communications
Navigation	Flight Operations	Runway

[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Airport
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**PLT080**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Clearances
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[STARs - Standard Terminal Arrivals](#)

Air Traffic Control Procedures	Communications	ATC Communications
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[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Arrivals
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**PLT082**[U.S. Terminal Procedures](#)

Regulations	14CFR Parts 121/135	Flight Planning
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**PLT083**[Aeronautical Information Manual](#)

Navigation	Radio	Instrument Approach
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[Chart Supplements U.S.](#)

Navigation	Flight Operations	Airport
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[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Approach Chart
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**PLT085**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Charts	Takeoff
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**PLT090**[Aeronautical Information Manual](#)

Navigation	Radio	VOR
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[FAA-H-8083-15 - Instrument Flying Handbook](#)

Navigation	Radio	Instrument Approach
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Navigation	Radio	VOR
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[U.S. Terminal Procedures](#)

Navigation	Flight Operations	Approach Chart
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**PLT098**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT103**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Judgment	Accident Prone Traits
Aeronautical Decision Making	Judgment	Attitudes



**PLT104**[AC 120-51 - Crew Resource Management](#)

Crew Resource Management (CRM)

Crew Resource Management (CRM)

Crew Resource Management (CRM)

[FAA-H-8083-2 - Risk Management Handbook](#)

Aeronautical Decision Making Risk Management

Human Factors Aeromedical Factors

Human Factors Aeronautical Decision Making (ADM)

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making Judgment

Aeronautical Decision Making Judgment

Crew Resource Management (CRM)

Crew Communication

Cross Checking

Crew Coordination

CRM Principles

Crew Coordination

CRM Training

Hazardous Phase of Flight

Physiological

Risk Management

Human Error

Operational Pitfalls

Crew Coordination

CRM Training

**PLT108**[AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing](#)

Meteorology Hazardous

Icing

[AC 135-17 - Pilot Guide for Small Aircraft Ground Deicing](#)

Meteorology Hazardous

Icing

**PLT121**[FAA-H-8083-1 - Weight and Balance Handbook](#)

Aircraft Performance Computations

Weight Load

**PLT123**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance Charts

Takeoff

**PLT124**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance Atmospheric Effects

Wind

**PLT128**[AC 91-74 - Pilot Guide: Flight in Icing Conditions](#)

Meteorology Hazardous

Icing

**PLT139**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations 14CFR Part 121 - Subpart K

Navigation Equipment

**PLT141**[Aeronautical Information Manual](#)

Air Traffic Control Procedures Ground

Taxi

Navigation Flight Operations

Runway

**PLT144**[Aeronautical Information Manual](#)

Air Traffic Control Procedures Ground

Braking Action

[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance Atmospheric Effects

Braking Action

Aircraft Performance Computations

Braking Action

**PLT145**[Aeronautical Information Manual](#)

Navigation Flight Operations

Runway

**PLT147**[Aeronautical Information Manual](#)

Navigation Flight Operations

Runway

**PLT148**[Aeronautical Information Manual](#)

Navigation Flight Operations

Runway

[Chart Supplements U.S.](#)

Navigation Pilotage

Approach Lights

**PLT149**[Aeronautical Information Manual](#)

Air Traffic Control Procedures Communications

Gate Hold Procedures

Air Traffic Control Procedures Communications

Pilot Procedures

**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Navigation Airspace

Class B

Regulations 14CFR Part 91

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**PLT162**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	MOA
Air Traffic Control Procedures	Services	Outer Class C

**PLT166**[AC 00-6 - Aviation Weather](#)

Navigation	Instrumentation	Altimeter
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**PLT167**[AC 00-6 - Aviation Weather](#)

Navigation	Instrumentation	Altimeter
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**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Services	Class C
Air Traffic Control Procedures	Services	IFR Flight Plans
Air Traffic Control Procedures	Services	Weather Radar

**PLT173**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Pressure
Meteorology	Atmosphere	Stability
Meteorology	Atmosphere	Temperature

**PLT192**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Moisture/Cloud Formation/Precipitation
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**PLT201**[Aeronautical Information Manual](#)

Navigation	Radio	Standard Departures
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**PLT205**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Alcohol
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**PLT208**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Crew Equipment / Publications / Checklists
Regulations	14CFR Part 121	Emergency Authority / Actions / Reports

**PLT210**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Authority / Actions / Reports
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**PLT214**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aerodynamics	Flight Characteristics	Normal Flight
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**PLT224**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT225**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT226**[AC 00-6 - Aviation Weather](#)

Meteorology	Clouds	Fog
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**PLT240**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Weight and Balance	Center of Gravity	Stability
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**PLT263**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Meteorology	Hazardous	Turbulence
Meteorology	High Altitude	Jet Stream
Weather / Weather Charts	High Altitude	Clear Air Turbulence
Windshear / Turbulence	Clear Air Turbulence	Encountering
Windshear / Turbulence	Clear Air Turbulence	JetStream

[AC 00-45 - Aviation Weather Services](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
Windshear / Turbulence	Clear Air Turbulence	High Altitude
Windshear / Turbulence	Clear Air Turbulence	JetStream

[Aeronautical Information Manual](#)

Windshear / Turbulence	Clear Air Turbulence	Reports
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**PLT266**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Characteristics	Normal Flight
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**PLT274**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
Meteorology	Icing	Freezing Rain

[AC 91-74 - Pilot Guide: Flight in Icing Conditions](#)

Meteorology	Hazardous	Icing
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Meteorology	Icing	Structural Icing
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**PLT280**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Flight Illusions
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**PLT282**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Dispatch / Redispatch
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**PLT283**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
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**PLT287**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Pressure
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**PLT288**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	Aviation Weather Forecasts
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**PLT290**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
National Weather Service (NWS)	Functions	Aeronautical Weather Reports
Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETS

[Aeronautical Information Manual](#)

Weather / Weather Charts	Aeronautical Weather Forecasts	SIGMETS
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**PLT292**[Aeronautical Information Manual](#)

Navigation	Radio	Instrument Approach
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**PLT294**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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**PLT296**[Aeronautical Information Manual](#)

Navigation	Radio	Holding
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**PLT301**[AC 00-6 - Aviation Weather](#)

Meteorology	Atmosphere	Temperature
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**PLT302**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Meteorology	High Altitude	Jet Stream
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[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Occluded Front
Meteorology	High Altitude	Jet Stream
Meteorology	Upper Air Data	Tropopause
Windshear / Turbulence	Clear Air Turbulence	High Altitude

**PLT305**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Secondary Flight Controls
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**PLT316**[AC 00-45 - Aviation Weather Services](#)

Weather / Weather Charts	Hazardous	Thunderstorms
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**PLT317**[AC 00-54 - Pilot Wind Shear Guide](#)

Windshear / Turbulence	Microbursts	Windshear
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[Aeronautical Information Manual](#)

Windshear / Turbulence	Microbursts	Performance
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**PLT318**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Low Fuel
Air Traffic Control Procedures	Communications	Pilot Procedures

**PLT323**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	NOTAMS
Navigation	Flight Operations	Preflight Planning/Calculations

**PLT330**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Physiological
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**PLT332**[Aeronautical Information Manual](#)

Human Factors	Aeromedical Factors	Fitness for Flight
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**PLT337**[AC 91-43 - Unreliable Airspeed Indication](#)

Navigation	Instrumentation	Airspeed Indicator
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**PLT344**[AC 00-6 - Aviation Weather](#)

Meteorology	Hazardous	Icing
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**PLT346**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aerodynamics	Flight Controls	Primary Flight Controls
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**PLT354**[Aeronautical Information Manual](#)

Navigation	Radio	GPS
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**PLT356**[Aeronautical Information Manual](#)

Navigation	Radio	ILS
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**PLT358**[Aeronautical Information Manual](#)

Navigation	Radio	ILS
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**PLT366**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Regulations	NTSB Part 830	Reports / Reporting
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**PLT367**[14 CFR part 91 General Operating and Flight Rules](#)

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**PLT370**[14 CFR part 91 General Operating and Flight Rules](#)

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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Speed Adjustments
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**PLT382**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

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<a href="#"><u>U.S. Terminal Procedures</u></a>		
Navigation	Radio	VOR

**PLT384**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Seat Belts / Cabin Announcements
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**PLT385**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Cargo
Regulations	14CFR Part 121	Landing Minimums

**PLT388**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

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**PLT389**[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

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**PLT391**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT395**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
Regulations	14CFR Part 117	Definitions

[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

Regulations	14CFR Part 119	Definitions
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**PLT396**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Takeoff Minimums
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**PLT398**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Navigation	Flight Operations	Preflight Planning/Calculations
Regulations	14CFR Part 121	Dispatch / Redispatch
Regulations	14CFR Part 121 - Subpart E	ETOPS

**PLT400**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Dispatch / Redispatch
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**PLT404**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Equipment / Survival
Regulations	14CFR Part 121 - Subpart K	Emergency Equipment

**PLT405**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT406**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT407**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Line-Oriented Simulator Training Course
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[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT409**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Flight Time / Duty / Rest / Requirements
Regulations	14CFR Parts 121/135	Flight Time / Duty / Rest / Requirements

**PLT420**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT422**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Dispatch / Redispatch
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<b>PLT427</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Limitations
<b>PLT429</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
<b>PLT438</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
<b>PLT440</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<b>PLT443</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121 - Subpart M	Crewmember Requirements
Regulations	14CFR Part 121 - Subpart M	Flight Attendant Requirements
Regulations	14CFR Part 121 - Subpart O	Second in Command
<b>PLT444</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Emergency Authority / Actions / Reports
Regulations	14CFR Part 121	Operational Control / Flight Release
<b>PLT450</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Time / Duty / Rest / Requirements
<b>PLT453</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Records Keeping
<b>PLT456</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Landing Minimums
<b>PLT459</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Takeoff Minimums
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Flight Rules
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<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Training / Currency
<b>PLT462</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121 - Subpart K	Emergency Equipment
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135</a>		
Regulations	14CFR Parts 121/135	Aircraft / Equipment
<b>PLT463</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Passenger / Flight - Events / Disturbances
<b>PLT469</b>		
<a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121 - Subpart K	Navigation Equipment
<b>PLT473</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aerodynamics	Flight Controls	Servos
<b>PLT475</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Hazardous	Definitions
<b>PLT493</b>		
<a href="#">AC 00-6 - Aviation Weather</a>		
Meteorology	Icing	Frost
<a href="#">AC 20-117 - Hazards Following Ground Deicing and Ground Operations in Conditions Conducive to Aircraft</a>		
Aerodynamics	Principles of Flight	Hazards
<a href="#">AC 91-74 - Pilot Guide: Flight in Icing Conditions</a>		
Aerodynamics	Principles of Flight	Hazards

**PLT495**[AC 00-24 - Thunderstorms](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Temperature
Meteorology	Hazardous	Thunderstorms

**PLT499**[AC 135-17 - Pilot Guide for Small Aircraft Ground Deicing](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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**PLT501**[AC 00-30 - Atmospheric Turbulence Avoidance](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Meteorology	High Altitude	Jet Stream
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[Aeronautical Information Manual](#)

Windshear / Turbulence	Clear Air Turbulence	Reports
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**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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**PLT511**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Dry Line
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Meteorology	Air Masses and Fronts	Fronts
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Meteorology	Atmosphere	Pressure
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**PLT512**[AC 00-6 - Aviation Weather](#)

Meteorology	Moisture	Relative Humidity
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**PLT514**[AC 00-45 - Aviation Weather Services](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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Windshear / Turbulence	Clear Air Turbulence	Maximum Turbulence Potential Charts
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**PLT515**[Aeronautical Information Manual](#)

National Weather Service (NWS)	Functions	Aeronautical Weather Forecasts
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**PLT516**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Fronts
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Meteorology	Air Masses and Fronts	Winds
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**PLT517**[AC 00-6 - Aviation Weather](#)

Meteorology	Air Masses and Fronts	Fronts
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Meteorology	Air Masses and Fronts	Winds
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Meteorology	Hazardous	Tropical Storms
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**PLT518**[AC 00-45 - Aviation Weather Services](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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[AC 00-6 - Aviation Weather](#)

Windshear / Turbulence	Clear Air Turbulence	Windshear
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Windshear / Turbulence	Microbursts	Windshear
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**AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION  
MULTIENGINE (ACM)  
Sample Questions**



## **AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION MULTIENGINE (ACM)**

### **1. Each pilot who deviates from an ATC clearance in response to a TCAS II, resolution advisory (RA) is expected to**

- A—maintain the course and altitude resulting from the deviation, as ATC has radar contact.
- B—notify ATC of the deviation as soon as practicable.
- C—request ATC clearance for the deviation.

*Answer: B.*

*Learning Statement: Recall collision avoidance – TCAS.*

### **2. Before requesting RVSM clearance, each person**

- A—shall correctly annotate the flight plan.
- B—must file an ICAO RVSM flight plan.
- C—should file for odd altitudes only.

*Answer: A.*

*Learning Statement: Recall regulations – additional equipment/operating requirements large transport aircraft.*

### **3. "Operational control" of a flight refers to**

- A—exercising the privileges of pilot in command of an aircraft.
- B—the specific duties of any required crewmember.
- C—exercising authority over initiating, conducting, or terminating a flight.

*Answer: C.*

*Learning Statement: Recall regulations - operational control functions.*

### **4. What action is required prior to takeoff if snow is adhering to the wings of an air carrier airplane?**

- A—Add 15 knots to the normal VR speed as the snow will blow off.
- B—Sweep off as much snow as possible and the residue must be polished smooth.
- C—Assure that the snow is removed from the airplane.

*Answer: C.*

*Learning Statement: Recall the dynamics of frost / ice / snow formation on an aircraft.*

### **5. Except when in cruise flight, below what altitude are non-safety related cockpit activities by flight crewmembers prohibited?**

- A—FL180.
- B—14,500 feet.
- C—10,000 feet.

*Answer: C.*

*Learning Statement: Define critical phase of flight.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION MULTIENGINE (ACM)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT004</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Engine Out Performance
<a href="#">U.S. Terminal Procedures</a>		
Aircraft Performance	Charts	Climb
<b>PLT013</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT015</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Limitations	Best Range
<b>PLT022</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Human Factors	Aeronautical Decision Making (ADM)	Situational Awareness
<b>PLT029</b> <a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Regulations	14CFR Part 121	Flight Crewmember Duties
<b>PLT034</b> <a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Takeoff Minimums
<b>PLT040</b> <a href="#">Aeronautical Information Manual</a>		
Regulations	14CFR Part 91	Airspace
<b>PLT044</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	After Landing
Air Traffic Control Procedures	Arrival	Speeds
Air Traffic Control Procedures	En Route	Speed Adjustments
<b>PLT058</b> <a href="#">FAA-H-8083-15 - Instrument Flying Handbook</a>		
Air Traffic Control Procedures	Communications	ATC Communications
<b>PLT078</b> <a href="#">Aeronautical Information Manual</a>		
Aircraft Performance	Charts	Runway
<b>PLT080</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	Approach Control
<b>PLT082</b> <a href="#">14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations</a>		
Regulations	14CFR Part 121	Landing Minimums
<b>PLT089</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Takeoff
<b>PLT103</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Judgment	Accident Prone Traits
Aeronautical Decision Making	Judgment	Attitudes
Aeronautical Decision Making	Judgment	Training

**PLT104**[AC 120-103 - Fatigue Risk Management Systems](#)

Aeronautical Decision Making      Risk Management

Mitigation

[AC 120-51 - Crew Resource Management](#)

Crew Resource Management (CRM)

Crew Coordination

CRM Principles

Crew Resource Management (CRM)

Crew Coordination

CRM Training

[FAA-H-8083-2 - Risk Management Handbook](#)

Aeronautical Decision Making      Risk Management

Monitoring Tasks

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making      Judgment

Human Error

Aeronautical Decision Making      Judgment

Operational Pitfalls

**PLT121**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance      Computations

Preflight Planning

**PLT123**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance      Charts

Airspeed

**PLT124**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance      Atmospheric Effects

Instrumentation Error

**PLT127**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance      Turbine Engine Operations

Environmental Affect

**PLT139**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations      14CFR Part 121 - Subpart K

Navigation Equipment

**PLT140**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Arrival

After Landing

**PLT144**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Ground

Braking Action

[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance      Atmospheric Effects

Braking Action

Aircraft Performance      Computations

Braking Action

**PLT147**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations      14CFR Part 91

Flight Rules

**PLT149**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Communications

Gate Hold Procedures

Air Traffic Control Procedures      Communications

Pilot Procedures

Air Traffic Control Procedures      Ground

ADS-B

Air Traffic Control Procedures      Ground

Taxi

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Air Traffic Control Procedures      Ground

Taxi

[Instrument Approach Procedure Charts](#)

Air Traffic Control Procedures      Departure

Taxi for Takeoff

**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations      14CFR Part 91

Flight Rules

[Aeronautical Information Manual](#)

Air Traffic Control Procedures      En Route

ADIZ

Regulations      14CFR Part 91

Airspace

**PLT162**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      En Route

MOA

**PLT170**[Aeronautical Information Manual](#)

Air Traffic Control Procedures      Approach

IFR Visual Approaches

[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Air Traffic Control Procedures      Arrival

After Landing

**PLT171**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Approach Control
Air Traffic Control Procedures	Communications	ATC Altitude Alerts
Air Traffic Control Procedures	Communications	Radio Procedures
Air Traffic Control Procedures	Services	Class C
Air Traffic Control Procedures	Services	Weather Radar

[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Air Traffic Control Procedures	Approach	PRM
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**PLT195**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Traffic Alert / Collision Avoidance
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**PLT208**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Limitations	Go / No-Go Decision
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**PLT225**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT271**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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**PLT318**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Arrival	Low Fuel
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**PLT323**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	NOTAMS
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**PLT367**[Aeronautical Information Manual](#)

Regulations	14CFR Part 91	Airspace
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**PLT370**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	ATC Communications
Air Traffic Control Procedures	Departure	Clearances

**PLT379**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Alternate / Weather / Fuel / Requirements
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**PLT382**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Landing Minimums
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**PLT383**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Icing Conditions
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**PLT384**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Seat Belts / Cabin Announcements
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**PLT385**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Cargo
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**PLT388**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Limitations
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**PLT389**[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

Regulations	14CFR Part 119	Definitions
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**PLT391**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT395**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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[14 CFR part 117 Flightcrew Member Duty and Rest Requirements](#)

Regulations	14CFR Part 117	Definitions
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**PLT396**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Takeoff Minimums
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**PLT404**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Equipment / Survival
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Regulations	14CFR Part 121 - Subpart K	Emergency Equipment
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**PLT405**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT406**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
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**PLT407**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT408**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Emergency Equipment / Survival
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**PLT409**[14 CFR part 117 Flightcrew Member Duty and Rest Requirements](#)

Regulations	14CFR Part 117	Flight and Duty Limitations
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[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT413**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Alternate / Weather / Fuel / Requirements
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**PLT420**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Stabilized Approach
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[FAA-H-8083-16 - Instrument Procedures Handbook](#)

Air Traffic Control Procedures	Approach	Radar Advisories
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**PLT422**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Dispatch / Redispatch
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**PLT427**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT428**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	Flight Operations	MEL/CDL
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**PLT433**[Aeronautical Information Manual](#)

Flight Operations	Normal Procedures	Flight Plan
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**PLT435**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT436**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Enroute
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**PLT438**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
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[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations/135](#)

Regulations	14CFR Part 121	Supplemental Oxygen for Sustenance: Turbine Engine
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**PLT440**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Flight Crewmember Duties
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**PLT443**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Flightcrew qualification(s)
Regulations	14CFR Part 61	Limitations
Regulations	14CFR Parts 121/135	Landing Minimums

**PLT456**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Landing Minimums
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**PLT459**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Takeoff Minimums
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**PLT460**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121	Training / Currency
Regulations	14CFR Parts 121/135	Training

**PLT463**[14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors](#)

Regulations	14CFR Part 61	Limitations
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**PLT469**[14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations](#)

Regulations	14CFR Part 121 - Subpart K	Navigation Equipment
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**PLT499**[AC 120-58 - Pilot Guide for Large Aircraft Ground Deicing](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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[AC 135-17 - Pilot Guide for Small Aircraft Ground Deicing](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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Aircraft Performance	Turbine Engine Operations	Environmental Affect
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[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Compressor Stall
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Aircraft Performance	Turbine Engine Operations	Efficiency
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Aircraft Performance	Turbine Engine Operations	Environmental Affect
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**PLT500**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Turbine Engine Operations	Efficiency
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**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations	14CFR Part 1	General Definitions
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**AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION SINGLE  
ENGINE (ASC)  
Sample Questions**

## **AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION SINGLE ENGINE (ASC)**

- 1. What action should a pilot take if asked by ARTCC to "VERIFY 9,000" and the flight is actually maintaining 8,000?**

A—Immediately climb to 9,000.  
B—Report maintaining 8,000.  
C—Report climbing to 9,000.

*Answer: B.*

*Learning Statement: Recall ATC - reporting.*

- 2. When ATC issues a clearance to descend "at pilot's discretion," the pilot**

A—can descend when the pilot wishes.  
B—can climb back to the original altitude, if needed.  
C—must maintain a descent rate of 2,000 ft/min.

*Answer: A.*

*Learning Statement: Interpret ILS - charts / RMI / CDI / indications.*

- 3. In a 24-hour consecutive period, what is the maximum time, excluding briefing and debriefing, that an airline transport pilot may instruct other pilots in air transportation service?**

A—6 hours.  
B—10 hours.  
C—8 hours.

*Answer: C.*

*Learning Statement: Recall regulations - flight / duty time.*

- 4. What minimum ground visibility may be used instead of a prescribed visibility criteria of RVR 16 when that RVR value is not reported?**

A—1/4 SM.  
B—1/2 SM.  
C—3/4 SM.

*Answer: A.*

*Learning Statement: Recall regulations - instrument approach procedures.*

- 5. When must the pilot initiate a missed approach procedure from an ILS approach?**

A—At the DA/DH, if the visual references for the intended runway are not distinctly visible, or anytime thereafter that visual reference is lost.  
B—When the time has expired after reaching the DA/DH and the runway environment is not clearly visible.  
C—At the DA/DH when the runway is not clearly visible.

*Answer: A.*

*Learning Statement: Recall regulations - instrument approach procedures*



# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT AIRPLANE CANADIAN CONVERSION SINGLE ENGINE (ASC)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT004</b> <a href="#">U.S. Terminal Procedures</a>		
Aircraft Performance	Charts	Climb
<b>PLT015</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Limitations	Best Range
<b>PLT022</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Risk Management	Electronic Displays
<b>PLT029</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT078</b> <a href="#">Aeronautical Information Manual</a>		
Aircraft Performance	Charts	Runway
<b>PLT080</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	Approach Control
<b>PLT083</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	Instrument Approach Procedures
<b>PLT103</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Judgment	Accident Prone Traits
Aeronautical Decision Making	Judgment	Attitudes
<b>PLT104</b> <a href="#">AC 120-51 - Crew Resource Management</a>		
Crew Resource Management (CRM)		Crew Communication      Cross Checking
Crew Resource Management (CRM)		Crew Coordination      CRM Principles
Crew Resource Management (CRM)		Crew Coordination      CRM Training
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Judgment	Human Error
Aeronautical Decision Making	Judgment	Operational Pitfalls
<b>PLT121</b> <a href="#">FAA-H-8083-1 - Weight and Balance Handbook</a>		
Aircraft Performance	Computations	Weight Load
<b>PLT124</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Atmospheric Effects	Instrumentation Error
Aircraft Performance	Atmospheric Effects	Wind
<b>PLT129</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Charts	Runway
<b>PLT134</b> <a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aeronautical Decision Making	Judgment	Automatic Decisions
<b>PLT140</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Arrival	After Landing
<b>PLT144</b> <a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Ground	Braking Action

**PLT149**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
Air Traffic Control Procedures	Ground	ADS-B
Air Traffic Control Procedures	Ground	Taxi

[Instrument Approach Procedure Charts](#)

Air Traffic Control Procedures	Arrival	After Landing
Air Traffic Control Procedures	Departure	Taxi for Takeoff

**PLT161**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Flight Rules
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**PLT162**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	MOA
Air Traffic Control Procedures	Services	Outer Class C

**PLT170**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	IFR Visual Approaches
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**PLT171**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Pilot Procedures
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**PLT172**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Approach	Priority
Air Traffic Control Procedures	Arrival	Approach Control
Air Traffic Control Procedures	Communications	ATC Altitude Alerts
Air Traffic Control Procedures	Services	Class C
Air Traffic Control Procedures	Services	Weather Radar

**PLT174**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Aeronautical Decision Making	Risk Management	Electronic Displays
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**PLT195**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Communications	Traffic Alert / Collision Avoidance
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**PLT225**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	Flight Plan
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**PLT271**[FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge](#)

Human Factors	Aeronautical Decision Making (ADM)	Risk Management
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**PLT292**[14 CFR part 91 General Operating and Flight Rules](#)

Regulations	14CFR Part 91	Instrument Flight Rules
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**PLT303**[FAA-H-8083-3 - Airplane Flying Handbook](#)

Aircraft Performance	Limitations	Best Range
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**PLT323**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Preflight	NOTAMS
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**PLT366**[49 CFR part 830 Notification and Reporting of Aircraft Accidents](#)

Regulations	NTSB Part 830	Reports / Reporting
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**PLT370**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	Departure	Clearances
Air Traffic Control Procedures	En Route	Speed Adjustments

**PLT389**[14 CFR part 119 Certification: Air Carriers and Commercial Operators](#)

Regulations	14CFR Part 119	Definitions
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**PLT390**[Aeronautical Information Manual](#)

Air Traffic Control Procedures	En Route	Reporting
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<b>PLT391</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Instrument Flight Rules
<b>PLT395</b>		
<a href="#">14 CFR part 1 Definitions and Abbreviations</a>		
Regulations	14CFR Part 1	General Definitions
<b>PLT406</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Equipment / Instrument / Certificate Requirement
<b>PLT420</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Approach	Stabilized Approach
<a href="#">FAA-H-8083-16 - Instrument Procedures Handbook</a>		
Air Traffic Control Procedures	Approach	Radar Advisories
<b>PLT424</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
<b>PLT427</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Limitations
<b>PLT442</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Testing
<b>PLT443</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Drug / Alcohol Impairment
<b>PLT444</b>		
<a href="#">14 CFR part 91 General Operating and Flight Rules</a>		
Regulations	14CFR Part 91	Flight Rules
<b>PLT459</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
<b>PLT463</b>		
<a href="#">14 CFR part 61 Certification: Pilots, Flight Instructors, and Ground Instructors</a>		
Regulations	14CFR Part 61	Limitations
<b>PLT499</b>		
<a href="#">FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</a>		
Aircraft Performance	Turbine Engine Operations	Environmental Affect

**AIRLINE TRANSPORT PILOT CANADIAN CONVERSION HELICOPTER (ACH)**  
**Sample Questions**

# AIRLINE TRANSPORT PILOT CANADIAN CONVERSION HELICOPTER (ACH)

## 1. An ATC 'instruction'

A—is the same as an ATC 'clearance.'

B—must be 'read back' in full to the controller and confirmed before becoming effective.

C—is a directive issued by ATC for the purpose of requiring a pilot to take a specific action.

*Answer: C.*

*Learning Statement: Recall regulations - Air Traffic Control authorization / clearances.*

## 2. What minimum information does an abbreviated departure clearance 'cleared as filed' include?

A—Clearance limit, transponder code, and DP, if appropriate.

B—Destination airport, en route altitude, transponder code, and DP, if appropriate.

C—Clearance limit and en route altitude.

*Answer: B.*

*Learning Statement: Recall regulations - Air Traffic Control authorization / clearances.*

## 3. Hot Spots are depicted on airport diagrams as

A—squares or rectangles around "HS and a number."

B—circles or polygons around "HS and a number."

C—triangles or blocks filled with "HS" and a number.

*Answer: B.*

*Learning Statement: Recall airport preflight / taxi operations - procedures.*

## 4. How soon after the conviction for driving while intoxicated by alcohol or drugs shall it be reported to the FAA, Civil Aviation Security Division?

A—No later than 60 days after the motor vehicle action.

B—No later than 30 working days after the motor vehicle action.

C—Required to be reported upon renewal of medical certificate.

*Answer: A.*

*Learning Statement: Recall regulations - alcohol or drugs.*

## 5. According to 14CFR Part 91, when takeoff minimums are not prescribed for a civil airport, what are the takeoff minimums under IFR for a multiengine helicopter?

A—1 SM visibility.

B—1200 RVR.

C—1/2 SM visibility.

*Answer: C.*

*Learning Statement: Recall regulations - takeoff procedures / minimums.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE AIRLINE TRANSPORT PILOT CANADIAN CONVERSION HELICOPTER (ACH)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT029</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT078</b> <a href="#">Chart Supplements U.S.</a> Air Traffic Control Procedures	Arrival	Instrument Approach Procedures
<b>PLT093</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135	Aircraft Equipment
<b>PLT142</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	En Route	Traffic Separation
<b>PLT149</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Ground	ADS-B
<a href="#">Air Traffic Control Procedures</a>	Ground	Taxi
<a href="#">Instrument Approach Procedure Charts</a> Air Traffic Control Procedures	Ground	Taxi
<b>PLT161</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	En Route	ADIZ
<b>PLT162</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Services	Outer Class C
<b>PLT170</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Approach	IFR Visual Approaches
<a href="#">Air Traffic Control Procedures</a>	Arrival	After Landing
<b>PLT171</b> <a href="#">49 CFR part 830 Notification and Reporting of Aircraft Accidents</a> Air Traffic Control Procedures	Communications	Pilot Procedures
<a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Communications	Pilot Procedures
<b>PLT172</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Communications	ATC Altitude Alerts
<a href="#">Air Traffic Control Procedures</a>	Services	Class C
<a href="#">Air Traffic Control Procedures</a>	Services	Weather Radar
<b>PLT224</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Preflight	Flight Plan
<b>PLT225</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Preflight	Flight Plan
<b>PLT282</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
<b>PLT318</b> <a href="#">Aeronautical Information Manual</a> Air Traffic Control Procedures	Communications	Pilot Procedures
<b>PLT379</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135 Subpart D	Weather Requirements
<b>PLT384</b> <a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a> Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT389</b> <a href="#">14 CFR part 119 Certification: Air Carriers and Commercial Operators</a> Regulations	14CFR Part 119	Definitions

<b>PLT395</b>		
<a href="#">14 CFR part 1 Definitions and Abbreviations</a>		
Regulations	14CFR Part 1	General Definitions
<b>PLT400</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Records Keeping
<b>PLT404</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
<b>PLT405</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
<b>PLT409</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Flight / Duty - Times / Limitations
<b>PLT420</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart D	Weather Requirements
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Approach	Stabilized Approach
<b>PLT424</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
Regulations	14CFR Part 135 Subpart B	Flight / Crewmember Duties
<b>PLT425</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135 Subpart B	Records Keeping
<b>PLT428</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	MEL/CDL
<b>PLT433</b>		
<a href="#">Aeronautical Information Manual</a>		
Flight Operations	Normal Procedures	Flight Plan
<b>PLT434</b>		
<a href="#">Aeronautical Information Manual</a>		
Air Traffic Control Procedures	Ground	Helicopter Taxi Modes
<b>PLT437</b>		
<a href="#">14 CFR part 1 Definitions and Abbreviations</a>		
Regulations	14CFR Part 1	General Definitions
<b>PLT438</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
Regulations	14CFR Part 135 Subpart B	Oxygen Requirements in Unpressurized Aircraft
<b>PLT442</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Testing
Regulations	14CFR Part 135 Subpart E	Operating Experience
<b>PLT443</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Crew Requirements
<b>PLT449</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Testing
<b>PLT454</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Aircraft Equipment
<b>PLT458</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
<b>PLT459</b>		
<a href="#">14 CFR part 135 Operating Requirements: Commuter and On Demand Operations</a>		
Regulations	14CFR Part 135	Operator / Control / Manual(s) / Operation Specs
Regulations	14CFR Part 135 Subpart D	Weather Requirements

**PLT460**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations

14CFR Part 135

Training

**PLT463**[14 CFR part 135 Operating Requirements: Commuter and On Demand Operations](#)

Regulations

14CFR Part 135 Subpart E

Drug Testing

**PLT506**[14 CFR part 1 Definitions and Abbreviations](#)

Regulations

14CFR Part 1

General Definitions



**FLIGHT NAVIGATOR (FNX)**  
**Sample Questions**

## FLIGHT NAVIGATOR (FNX)

**1. Assuring that appropriate aeronautical charts are aboard an aircraft is the responsibility of the**

- A—first officer.
- B—pilot-in-command.
- C—aircraft dispatcher.

*Answer: B.*

*Learning Statement: Recall regulations-pilot-in-command authority/responsibility.*

**2. Where is a list maintained for routes that require special navigation equipment?**

- A—International Flight Information Manual.
- B—Air Carrier's Operations Specifications.
- C—Airplane Flight Manual.

*Answer: B.*

*Learning Statement: Recall regulations-commercial operation requirements/conditions/OpSpecs.*

**3. What is a feature of a stationary front?**

- A—Weather conditions are a combination of strong cold front and strong warm front weather.
- B—The warm front surface moves about half the speed of the cold front surface.
- C—Surface winds tend to flow parallel to the frontal zone.

*Answer: C.*

*Learning Statement: Recall weather associated with frontal activity / air masses.*

**4. How is Doppler groundspeed determined?**

- A—By comparing the shift between front and rear beams.
- B—By the automatic astrotracker display component.
- C—By the radar unit's accelerometer component.

*Answer: A.*

*Learning Statement: Recall instrument/navigation system checks/inspections-limits/tuning/identifying/logging.*

**5. (Refer to FAA-CT-8080-7C, Figure 222.) The symbol represents**

- A—an air vector.
- B—a DR position.
- C—a wind vector.

*Answer: B.*

*Learning Statement: Recall symbols-chart/navigation.*

# LIST OF REFERENCE MATERIALS SPECIFIC TO THE FLIGHT NAVIGATOR (FNX)

<i>Topic</i>	<i>Content</i>	<i>Specific</i>
<b>PLT012</b>		
<u>USAF Pmphlt 11-216</u>		
Aircraft Performance	Computations	ETA
Navigation	Celestial	Distance
Navigation	Celestial	Magnetic Heading
Navigation	Celestial	True Course
Navigation	Dead Reckoning	Calculations
Navigation	Dead Reckoning	Charts and Maps / Mapping
<b>PLT042</b>		
<u>AC 00-45 - Aviation Weather Services</u>		
Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
<u>USAF Pmphlt 11-216</u>		
Meteorology	Air Masses and Fronts	Fronts
<b>PLT043</b>		
<u>AC 00-45 - Aviation Weather Services</u>		
Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
<b>PLT076</b>		
<u>AC 00-45 - Aviation Weather Services</u>		
Weather / Weather Charts	Aeronautical Weather Forecasts	Wind and Temperature Aloft Forecast
<b>PLT123</b>		
<u>FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</u>		
Aircraft Performance	Computations	Airspeeds
<b>PLT132</b>		
<u>FAA-H-8083-25 - Pilot's Handbook of Aeronautical Knowledge</u>		
Navigation	Instrumentation	Airspeed Indicator
<b>PLT279</b>		
<u>Aeronautical Information Manual</u>		
Navigation	Avionics	Airborne Equipment
<u>USAF Pmphlt 11-216</u>		
Navigation	Celestial	Schuler-Tuned Inertial System
Navigation	Inertial	System / Components
<b>PLT283</b>		
<u>AC 00-45 - Aviation Weather Services</u>		
Weather / Weather Charts	Aeronautical Weather Reports	Constant Pressure Analysis Charts
<b>PLT300</b>		
<u>USAF Pmphlt 11-216</u>		
Navigation	Radio	Doppler

**PLT319**USAF Pmphlt 11-216

Navigation	Celestial	Celestial Sphere
Navigation	Celestial	Charts
Navigation	Celestial	Convergence
Navigation	Celestial	Corrections
Navigation	Celestial	Distance
Navigation	Celestial	Fix
Navigation	Celestial	Intercept Method
Navigation	Celestial	Isogriv
Navigation	Celestial	LHA
Navigation	Celestial	Navigational Bodies
Navigation	Celestial	Parallax Correction
Navigation	Celestial	Refraction
Navigation	Celestial	Sight
Navigation	Celestial	Tables
Navigation	Celestial	Time Designations
Navigation	Celestial	Time of Transit
Navigation	Dead Reckoning	Charts and Maps / Mapping
Navigation	Pilotage	Map Reading/Plotting

**PLT335**USAF Pmphlt 11-216

Navigation	Celestial	Track
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**PLT386**14 CFR part 63 Certification: Flight Crewmembers other than Pilots

Regulations	14CFR Part 63	Experience Requirements
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**PLT389**14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

Regulations	14CFR Part 121 - Subpart E	Operations Specifications
Regulations	14CFR Part 121 - Subpart M	Navigator / Special Equipment

**PLT393**14 CFR part 91 General Operating and Flight Rules

Regulations	14CFR Part 91	Flight Rules
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**PLT409**14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

Regulations	14CFR Part 121	Flight Time / Duty / Rest / Requirements
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**PLT427**14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

Regulations	14CFR Part 121 - Subpart M	Navigator Certificate and Medical Requirements
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**PLT443**14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

Regulations	14CFR Part 121 - Subpart K	Navigator Requirement
Regulations	14CFR Part 121 - Subpart M	Navigator / Special Equipment

**PLT444**14 CFR part 121 Operating Requirements: Domestic, Flag, and Supplemental Operations

Regulations	14CFR Part 121	Crew Equipment / Publications / Checklists
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**PLT450**14 CFR part 63 Certification: Flight Crewmembers other than Pilots

Regulations	14CFR Part 63	Experience Requirements
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**PLT484**USAF Pmphlt 11-216

Navigation	Dead Reckoning	Plotting
Navigation	Dead Reckoning	Standard Symbols